CASE COVER SHEET

City of Rockwall
Planning and Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087

PLANNING & ZONING CASE NO. SP2026-015

PLANNING & ZONING FEE $ 1,020.00

PLATTING APPLICATION
- ☐ MASTER PLAT
- ☐ PRELIMINARY PLAT
- ☐ FINAL PLAT
- ☐ REPLAT
- ☐ AMENDING OR MINOR PLAT
- ☐ PLAT REINSTATEMENT REQUEST

SITE PLAN APPLICATION
- ☑ SITE PLAN
- ☐ AMENDED SITE PLAN/ELEVATIONS/LANDSCAPING

ZONING APPLICATION
- ☐ ZONING CHANGE
- ☐ SPECIFIC USE PERMIT
- ☐ PD DEVELOPMENT PLAN

OTHER APPLICATION
- ☐ TREE REMOVAL
- ☐ VARIANCE REQUEST/SPECIAL EXCEPTIONS

RECORD OF RECOMMENDATIONS, VOTING RECORDS, AND CONDITIONS OF APPROVAL

ARCHITECTURE REVIEW BOARD

On June 9, 2026, the Architectural Review Board approved a motion to recommend approval of the Site Plan by a vote of 3-0, with the condition that the applicant flatten the reveal wall and no service ladders are placed on the exterior of the building, and with Board Members Phillips, Mase, Hadawi, and Kirkpatrick absent.

PLANNING AND ZONING COMMISSION

On June 9, 2026, the Planning and Zoning Commission approved a motion to approve the Site Plan with a vote of 6-0, with the recommendations from the Architectural Review Board, and Commissioner Conway absent.

CITY COUNCIL READING #1

CITY COUNCIL READING #2

CONDITIONS OF APPROVAL

(1) All staff comments provided by the Planning, Engineering and Fire Department must be addressed prior to the submittal of engineering plans; and,

(2) Any RTUs that are visible over the parapet shall be screened with either the parapet or a louver system; and,

(3) Any construction resulting from the approval of this Site Plan shall conform to the requirements set forth by the Unified Development Code (UDC), the International Building Code (IBC), the Rockwall Municipal Code of Ordinances, city adopted engineering and fire codes and with all other applicable regulatory requirements administered and/or enforced by the state and federal government.

NOTES

DEVELOPMENT APPLICATION

City of Rockwall
Planning and Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087

STAFF USE ONLY
PLANNING & ZONING CASE NO.

NOTE: *THE APPLICATION IS NOT CONSIDERED ACCEPTED BY THE CITY UNTIL THE PLANNING DIRECTOR AND CITY ENGINEER HAVE SIGNED BELOW.*

DIRECTOR OF PLANNING:

CITY ENGINEER:

PLEASE CHECK THE APPROPRIATE BOX BELOW TO INDICATE THE TYPE OF DEVELOPMENT REQUEST [SELECT ONLY ONE BOX]:

PLATTING APPLICATION FEES:
- ☐ MASTER PLAT ($500.00 + $20.00 ACRE) [1]
- ☐ PRELIMINARY PLAT ($500.00 + $20.00 ACRE) [1]
- ☐ FINAL PLAT ($500.00 + $20.00 ACRE) [1]
- ☐ REPLAT ($500.00 + $20.00 ACRE) [1&3]
- ☐ AMENDING OR MINOR PLAT ($500.00)
- ☐ PLAT REINSTATEMENT REQUEST ($200.00)

SITE PLAN APPLICATION FEES:
- ☑ SITE PLAN ($1,000.00 + $20.00 ACRE) [1&2]
- ☐ AMENDED SITE PLAN/ELEVATIONS/LANDSCAPING PLAN ($500.00) [2]

OTHER APPLICATION FEES:
- ☐ TREE REMOVAL ($200.00)
- ☐ VARIANCE REQUEST/SPECIAL EXCEPTIONS [RESIDENTIAL] ($200.00) [2]
- ☐ VARIANCE REQUEST/SPECIAL EXCEPTIONS [COMMERCIAL] ($1,000.00) [2]

ZONING APPLICATION FEES:
- ☐ ZONING CHANGE ($1,000.00 + $20.00 ACRE) [1&3]
- ☐ SPECIFIC USE PERMIT [RESIDENTIAL] ($200.00 + $20.00 ACRE) [1,2&3]
- ☐ SPECIFIC USE PERMIT [COMMERCIAL] ($1,000.00 + $20.00 ACRE) [1,2&3]
- ☐ PLANNED DEVELOPMENT DISTRICT ($1,500.00 + $20.00 ACRE) [1&3]
- ☐ PD DEVELOPMENT PLANS ($1,500.00 + $20.00 ACRE) [1&3]

NOTES:
[1]: IN DETERMINING THE FEE, PLEASE USE THE EXACT ACREAGE WHEN MULTIPLYING BY THE PER ACRE AMOUNT. FOR REQUESTS ON LESS THAN ONE ACRE, ROUND UP TO ONE (1) ACRE.
[2]: A ***$2,500.00*** FEE WILL BE ADDED TO THE APPLICATION FEE FOR ANY REQUEST THAT INVOLVES CONSTRUCTION WITHOUT OR NOT IN COMPLIANCE TO AN APPROVED BUILDING PERMIT.
[3]: AN ADDITIONAL FEE OF ***$150.00*** WILL BE REQUIRED FOR THE COST OF NOTIFICATIONS.

PROPERTY INFORMATION [PLEASE PRINT]

ADDRESS	2200 Ridge Road, Rockwall TX 75087				
SUBDIVISION	Sky Ridge Addition	LOT	8	BLOCK	A
GENERAL LOCATION	NW of YellowJacket & Ridge Road Intersection				

ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

CURRENT ZONING	Commercial District	CURRENT USE	Non
PROPOSED ZONING		PROPOSED USE	Nail Salon & General Retail
ACREAGE	0.976	LOTS [CURRENT]	1
		LOTS [PROPOSED]	1

☐ ***SITE PLANS AND PLATS:*** *BY CHECKING THIS BOX YOU ACKNOWLEDGE THAT DUE TO THE PASSAGE OF HB3167 THE CITY NO LONGER HAS FLEXIBILITY WITH REGARD TO ITS APPROVAL PROCESS, AND FAILURE TO ADDRESS ANY OF STAFF'S COMMENTS BY THE DATE PROVIDED ON THE DEVELOPMENT CALENDAR WILL RESULT IN THE DENIAL OF YOUR CASE.*

OWNER/APPLICANT/AGENT INFORMATION [PLEASE PRINT/CHECK THE PRIMARY CONTACT/ORIGINAL SIGNATURES ARE REQUIRED]

☐ OWNER	Beauty Legacy, LLC	☐ APPLICANT	B+A Architecture LLC
CONTACT PERSON	~~Lien Nguyen~~ Kim Lien Thi Nguyen	CONTACT PERSON	Thong Thai
ADDRESS	[redacted]	ADDRESS	[redacted]
CITY, STATE & ZIP		CITY, STATE & ZIP	
PHONE		PHONE	
E-MAIL		E-MAIL	

NOTARY VERIFICATION [REQUIRED]

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED KIM LIEN THI NGUYEN [*OWNER*] THE UNDERSIGNED, WHO STATED THE INFORMATION ON THIS APPLICATION TO BE TRUE AND CERTIFIED THE FOLLOWING:

"I HEREBY CERTIFY THAT I AM THE OWNER FOR THE PURPOSE OF THIS APPLICATION; ALL INFORMATION SUBMITTED HEREIN IS TRUE AND CORRECT; AND THE APPLICATION FEE OF $ N/A *, TO COVER THE COST OF THIS APPLICATION, HAS BEEN PAID TO THE CITY OF ROCKWALL ON THIS THE* N/A *DAY OF* N/A *, 20___. BY SIGNING THIS APPLICATION, I AGREE THAT THE CITY OF ROCKWALL (I.E. "CITY") IS AUTHORIZED AND PERMITTED TO PROVIDE INFORMATION CONTAINED WITHIN THIS APPLICATION TO THE PUBLIC. THE CITY IS ALSO AUTHORIZED AND PERMITTED TO REPRODUCE ANY COPYRIGHTED INFORMATION SUBMITTED IN CONJUNCTION WITH THIS APPLICATION, IF SUCH REPRODUCTION IS ASSOCIATED OR IN RESPONSE TO A REQUEST FOR PUBLIC INFORMATION."*

GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 13th *DAY OF* MAY *, 20*26*.*

RYAN MARK ANDIO STA ROMANA ANGELES
Notary Public
STATE OF TEXAS
My Comm. Exp. 04-02-29
Notary ID # 135506513

OWNER'S SIGNATURE

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

MY COMMISSION EXPIRES

ARCHITECTURE

Monday, May 11th, 2026

Henry Lee, AICP
Senior Planner
Planning & Zoning Department
City of Rockwall, TX
385 S. Goliad Street, Rockwall, TX 75087

Project name: **SkyRidge Retail Building**
Previous Submittal Case: SP2025-042

Mr. Lee
We are writing to respond to the comments from the Plan Review dated March 03, 2026. Our responses are in the same order as presented in the review.

SP2025-042; Site Plan for 2200 Ridge Road
Please address the following comments (*M= Mandatory Comments; I = Informational Comments*)

M.1 Please provide a material sample board before the March 10, 2026 Architecture Review Board meeting. (*Subsection 03.04. B, of Article 11, UDC*)

Henry Nguyen Consulting's response: We provided the material sample board on March 10, 2026. There is no new building materials to be used in the new submittal, please accept the previous sample board which you still have at your office.

M.2 Site Plan.
(1) Please update the parking table, as 32 parking spaces are required and 32 parking spaces have been provided. (*Subsection 03.04. B, of Article 11, UDC*)

Henry Nguyen Consulting's response: Parking table has been updated showing 32 parking spaces.

(2) The dumpster must utilize the same brick that is used on the building. (*Subsection 01.05. B, of Article 05, UDC*)

Henry Nguyen Consulting's response: Detail notes have been updated stating dumpster must use the same brick as building.

B+A Architecture - 600 Broadway Blvd. Suite 290, Kansas City, Missouri, 64105
(816) 753-6100 office

M.3 Landscape Plan.

(1) Provide the same site data information required in Section 2.1 Site Plan: Miscellaneous and Density and Dimensional Requirements of this checklist. (*See Sec. 2.1 of the checklist*)

Henry Nguyen Consulting's response: Same site data information required in Section 2.1 has been provided on the site plan.

(2) Per the *General Overlay District Standards*, there must be a row of canopy trees at the rear of the subject property. (*Subsection 06.02, of Article 05*, *UDC*) Variance requested.

Henry Nguyen Consulting's response: A row of trees at the rear of the property was added.

(3) All head in parking adjacent to a roadway is required to provide headlight screening. Variance requested.

Henry Nguyen Consulting's response: A 3' wall was added to provide headlight screening.

M.4 Photometric Plan

(1) Provide the same site data information required in Section 2.1 Site Plan: Miscellaneous and Density and Dimensional Requirements of this checklist. (*See Sec. 2.1 of the checklist*)

B+A Architecture's response: Same site data information required in Section 2.1 has been provided on the photometric plan.

(2) Light levels shall not be greater than 0.2 FC at all property lines. Please correct the photometric plan to address this requirement. (*Subsection 03.03, of Article 07, UDC*) Variance requested.

B+A Architecture's response: We have revised the photometric plan to show that light levels are less than 0.2 FC at all property lines. Please see attached revised site photometric plan.

M.5 Building Elevations

(1) Please crosshatch the RTUs on the elevations. The RTUs must be fully screened by the parapet. Please pay attention to this due the building being lower than the road. (*Subsection 01.05.C, of Article 05, UDC*) Staff believes that the RTUs will be visible from ridge road because of the elevation change. Based on this staff has added a condition of approval that will require louvers if they are visible.

B+A Architecture's response: Aknowledged. We added a note that the RTUs will be screening if it is visible from the Ridge Road.

(2) Please indicate the architectural elements on the building. Each building is required to incorporate four (4) architectural elements. (*Subsection 06.02, of Article 05, UDC*) Currently there are three (3) architectural elements being: canopies, display windows, articulated cornice. This will be a variance.

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(816) 753-6100 office

B+A Architecture's response: The building is designed to provide architectural elements including (1)canopies/awnings, (2) display windows, (3) articulated cornice, and (4) projected/recessed wall, and varied roof height.

(3) Where is the stacked stone (*Bighorn*) going on the building? It is indicated on the material schedule.

B+A Architecture's response: Bighorn is no longer used in this project.

(4) The subject property is located within the Scenic Overlay District and is required to provide primary articulation on each façade. In this case, the proposed building elevations do not meet any of the primary articulation standards. (*Subsection 04.01, of Article 05, UDC*) Variance requested.
    1. Height = 20.67'; In Conformance
    2. Wall Length = In Conformance
    3. Secondary entryway/architectural element length = Non-Conforming; The North facade does not have projecting elements
    4. Wall Projection = 5.25' minimum; Non-Conforming; All sides of the building
    5. Primary and/or secondary entryway/architectural element width = Non-Conforming; This cannot be confirmed given that the returns for the vertical projections are not shown
    6. Projection Height = 5.25' minimum; In Conformance
    7. Primary entryway/architectural element length = Non-Conforming; They must be at a minimum double the width of the secondary entryways/architectural elements

B+A Architecture's response:

The proposed building has been designed with an irregular configuration, resulting in six distinct façade sides. This geometry is a direct response to the unique constraints and conditions of the site and its surrounding context.

We acknowledge the review comments M.10.7 and M.10.9 regarding the requirement to provide primary articulation on all building elevations. Due to the building's irregular form, achieving full compliance with all primary façade articulation standards on every elevation presents significant design challenges.

In this resubmittal, we have revised the building elevations to ensure that the primary façades comply with the majority of the Primary Building Façade standards. The remaining façades have been designed to maintain consistency in materials, detailing, and architectural features in accordance with Subsection 06.01-C.(5), which requires four-sided architectural treatment.

While these secondary façades may not incorporate all seven primary façade articulation elements, they are designed to provide a cohesive and high-quality architectural expression consistent with the intent of the ordinance.

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(816) 753-6100 office

Based on these considerations, we respectfully request a variance for the building elevations, as the current design meets the overall intent of the code while responding appropriately to the site-specific constraints.

M.6 Given that there are remaining comments on the site plan, landscape plan, photometric plan, and the building elevations, staff has included conditions of approval that require these items to be corrected before the civil plans may be submit.

M.7 At this time staff has identified six (6) variances, which will require 14 compensatory measures.

1. Landscape Buffer encroachment
2. Rear Yard tree planting requirements
3. Less than four (4) architectural elements
4. Primary Articulation on all sides of the building
5. Headlight Screening
6. Light Levels Greater than 0.2 FC at Property Line

B+A Architecture's response: At this time of the submittal, we are only requesting for (1) variance of the #4 - Primary Articulation on all sides of the building

Please contact me if you have any additional questions or comments.

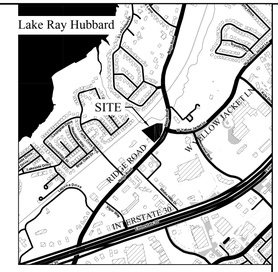
Sincerely,

Thong Thai
Managing Partner, RA

B+A Architecture LLC
TX Registration No. BR 4706

B+A Architecture - 600 Broadway Blvd. Suite 290, Kansas City, Missouri, 64105
(816) 753-6100 office

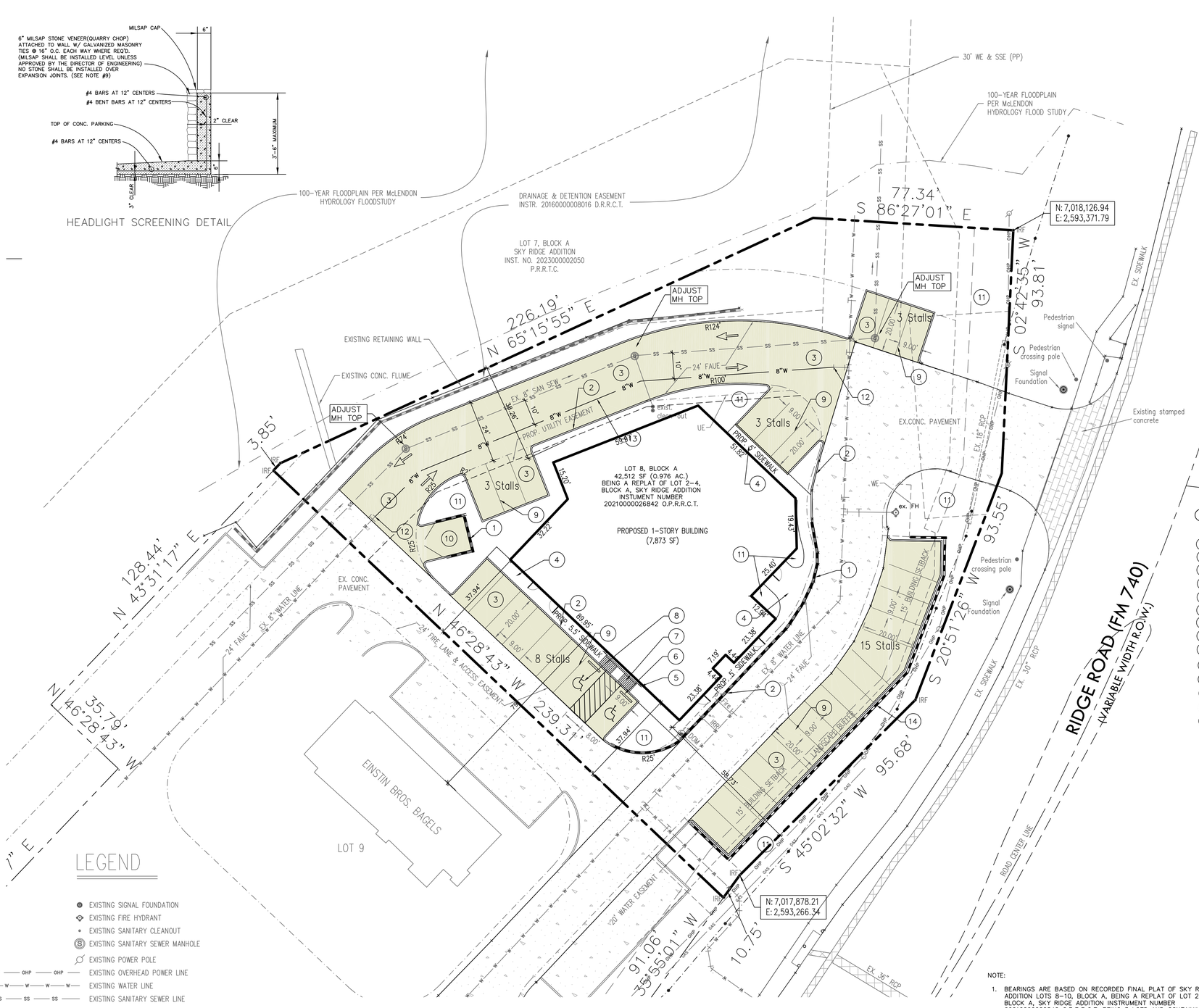
HEADLIGHT SCREENING DETAIL



VICINITY MAP
(NTS)

0 20 40 60

SCALE: 1" = 20'



LEGEND

- EXISTING SIGNAL FOUNDATION
- EXISTING FIRE HYDRANT
- EXISTING SANITARY CLEANOUT
- EXISTING SANITARY SEWER MANHOLE
- EXISTING POWER POLE
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- SS — EXISTING SANITARY SEWER LINE
- EXISTING CONCRETE PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- FAUE — FIRE LANE ACCESS & UTILITY EASEMENT
- UE — UTILITY EASEMENT
- WE — WATER LINE EASEMENT

APPROVED:
I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission of the City of Rockwall on the _____ day of _____, _____.

WITNESS OUR HANDS, this _____ day of _____, _____.

_____ Planning & Zoning Commission, Chairman

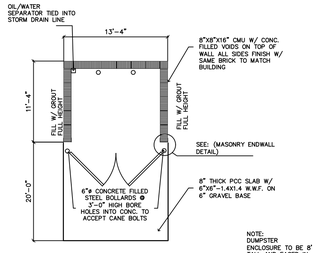
_____ Director of Planning and Zoning

SITE DATA

LOT AREA	42,512 SF
BUILDING HEIGHT	1 STORIES, 30'
BUILDING AREA	7,837 SF
FLOOR AREA RATIO	0.1844
TOTAL IMPERVIOUS AREA	30,086 SF (71% COVERAGE)
LANDSCAPE AREA	12,426 SF (29% COVERAGE)
EXISTING ZONING	C -COMMERCIAL DISTRICT
PROPOSED USEAGE	NAIL SALON AND RETAILS
REQUIRED PARKING	1 parking space/250 sf (7837 x 1/250=32 required)
PROVIDED PARKING	32 SPACES

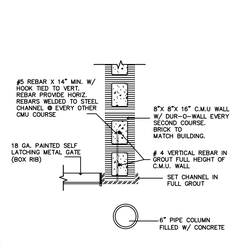
KEYNOTES

1. CONSTRUCT RETAINING WALL
2. CONSTRUCT MONOLITHIC CONCRETE CURB
3. CONSTRUCT 6" THICK PORTLAND CEMENT CONCRETE PAVEMENT PER PAVING PLAN
4. CONSTRUCT 4" THICK CONCRETE SIDEWALK
5. INSTALL HANDICAP SIGN
6. INSTALL PRECAST CONCRETE WHEELSTOPS
7. CONSTRUCT STANDARD ADA RAMP
8. PAINT HANDICAP SYMOL – WHITE ON BLUE BACKGROUND
9. PAINT 4" SOLID STRIPE – WHITE
10. CONSTRUCT 8" THICK PCC SLAB TRASH ENCLOSURE W/OIL/WATER SEPARATOR CONNECTED TO STORM
11. LANDSCAPE AREA
12. REMOVE PLUG AND CONNECT PROP. 8" WATER LINE TO EX. 8" WATER LINE
13. INSTALL 8" WATER LINE
14. CONSTRUCT RETAINING WALL WITH HEADLIGHT SCREENING



TRASH ENCLOSURE PLAN
SCALE: NONE

NOTE:
DUMPSTER ENCLOSURE TO BE 8' TALL AND FACED IN THE SAME MATERIAL AS THE PRIMARY BUILDING.



MASONRY ENDWALL DETAIL
SCALE: NONE

DUMPSTER ENCLOSURE DETAIL

NOTE:

1. BEARINGS ARE BASED ON RECORDED FINAL PLAT OF SKY RIDGE ADDITION LOTS 8–10, BLOCK A, BEING A REPLAT OF LOT 2–4, BLOCK A, SKY RIDGE ADDITION INSTRUMENT NUMBER 20210000026842 O.P.R.R.C.T. BEING 3 LOTS AND CONTAINING 2.293 ACRES CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS.
2. EASEMENTS AND SETBACKS SHOWN HEREON ARE BASED ON RECORDED PLAT (CASE NO. P2023-005) UNLESS OTHERWISE NOTED.
3. UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY EXACT LOCATION OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
4. ALL DIMENSIONS ARE TO FACE OF CURB.
5. THERE SHALL BE NO ABOVE GROUND STORAGE TANKS OR OUTSIDE STORAGE, WHICH INCLUDES VEHICLES.

Henry Nguyen Consulting, LLC
Civil Engineering
1330 Glenfield Ave, Dallas, Texas 75224
(214) 773-4075 Email: henguyen@swbell.net
Texas Registered Engineering Firm F-16239

REVISIONS		
Date	Description	Approved

SKYRIDGE RETAIL BUILDING
2200 RIDGE ROAD
ROCKWALL, TEXAS 75087

DESIGN	HNC	DATE	05/08/2026
DRAWN	HNC		

Job#: 25001

STATE OF TEXAS
HENRY T. NGUYEN
71065
REGISTERED PROFESSIONAL ENGINEER

The seal appearing on this document was authorized by Henry Nguyen, P.E. 71065. Alteration of a sealed document with out proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.

SITE PLAN

C1

May 08,2026 3:20pm henguy
C:\Users\hengu\OneDrive\Henry Nguyen Consulting\Projects\Active\25001-SKY RIDGE ADDITION\18-SHEET_SETS\23-SITE PLAN.dwg

GENERAL NOTES

1. EXTERIOR COLORS ARE INDICATED BY MATERIAL MANUFACTURERS
2. ALL EXTERIOR MATERIAL TRANSITION, SILLS AND HEADERS WHICH ARE NOT CALLED OUT, MATCH TO WALL TRIM COLOR.
3. ROOF TOP UNITS (RTUs) TO BE SCREENED FROM VIEWS BY LOUVERED SCREENS IF IT IS VISIBLE FROM THE ROAD.
4. INSTALL ALL ROOF PENETRATIONS AND EQUIPMENT (IE: VENT PIPES; ROOF VENTILATORS) ON THE REAR SIDE OF THE ROOF, TO THE GREATEST EXTENT POSSIBLE

STONE VENEER
LEDGESTONE STYLE
WINDSOR PEWTER
LEDGE

STONE VENEER
THIN BRICK
DESERT GRAY

ACM PANEL
ALUCOBOND
STATUARY BRONZE

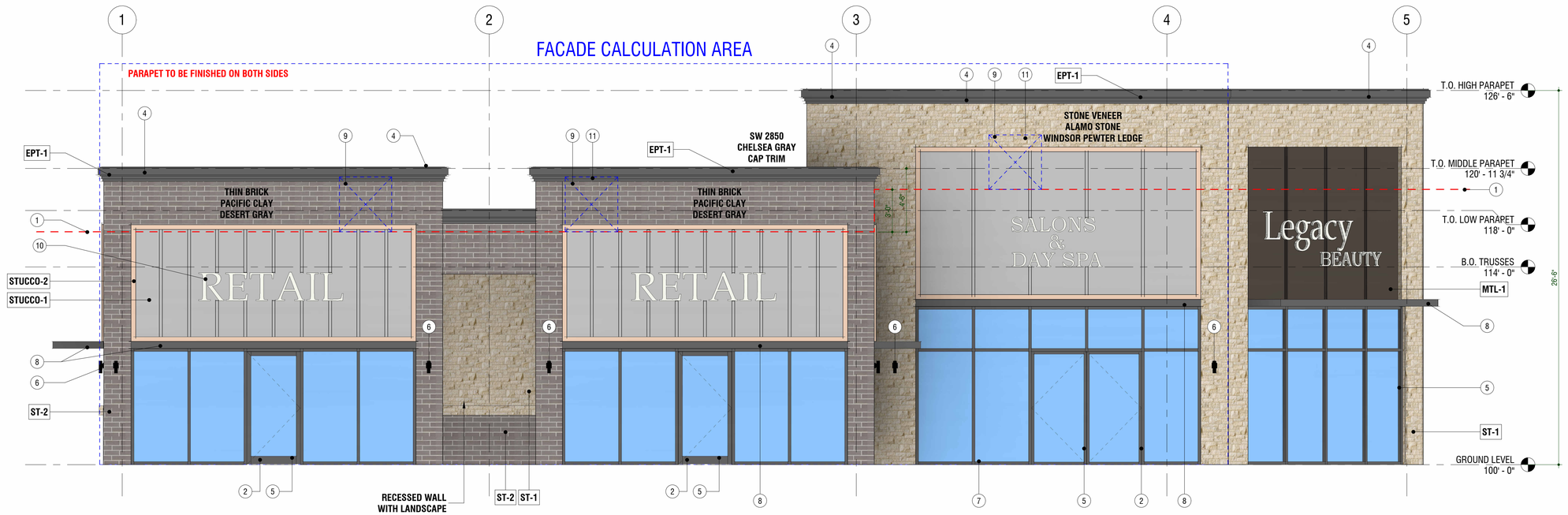
EXTERIOR FINISHING SCHEDULE

NO.	MATERIAL/ITEMS	DESCRIPTION	COLOR/FINISH
1	STONE VENEER	ALAMO STONE - LEDGESTONE	WINDSOR PEWTER LEDGE
2	STACKED STONE	OLD COUNTRY OR EQUAL	BIGHORN
3	STONE VENEER	PACIFIC CLAY PRODUCTS	THIN BRICK - DESERT GRAY
4	METAL PANEL	ALUCOBOND ACM OR EQUAL	STATUARY BRONZE
5	WINDOWS (STOREFRONT)	PELLA ARCHITECT SERIES OR EQUAL	METAL - MATTE BLACK
6	EXTERIOR DOORS	ALUMINUM, PAINTED	METAL - MATTE BLACK
7	FASCIA	METAL, PAINTED	METAL - IRON ORE

KEYNOTES

1	LINE OF ROOF BEYOND
2	TENANT MAIN ENTRY
3	STONE VENEER. INSTALL PER MANUFACTURER SPECIFICATIONS
4	CORNICE LINE TO BE PAINTED EPT-1 GRAY
5	ANODIZED ALUMINUM STORE FRONT SYSTEM DOOR AND GLAZING
6	EXTERIOR LIGHTING
7	BREAK METAL TO MATCH STOREFRONT SYSTEM
8	METAL AWING. INSTALL PER MANUFACTURER SPECIFICATIONS
9	RTU/HVAC SYSTEM. INSTALL PER MANUFACTURER SPECIFICATIONS
10	SIGNAGE. INSTALL PER MANUFACTURER SPECIFICATIONS
11	RTU SCREENING SYSTEM TO MEET CITY REQUIREMENT, INSTALL PER MANUFACTURER SPECIFICATIONS

SOUTH		
EXTERIOR MATERIALS PERCENTAGES		
TOTAL FACADE AREA		1614.99 SF
WINDOWS DOORS		412.61
AREA BALANCE		1202.38 SF
MATERIAL	AREA	PERCENTAGE
STONE	460.22 SF	38%
METAL	-	-
BRICK	251.60 SF	21%
STUCCO	490.56 SF	41%
TOTAL	1202.38 SF	100%



1 SOUTH ELEVATION
1/4" = 1'-0"

APPROVED:
I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission of the City of Rockwall on the ____ day of _____, _____.

WITNESS OUR HANDS, this _____ day of _____, _____.

_____ Planning & Zoning Commission, Chairman

_____ Director of Planning and Zoning

ARCHITECTURE

ARCHITECT
B+A ARCHITECTURE
600 BROADWAY BLVD, SUITE 290
KANSAS CITY, MO 64105
PH: 816-753-6100

SKYRIDGE RETAIL BUILDING

LOT 2 - 2200 RIDGE RD, ROCKWALL, TX 75087

SEAL

NOT FOR CONSTRUCTION

Issue Date: 02/03/2026

NO.	REVISION	DATE
1	REV-DEVELOPMENT#1	03.03.26
2	REV-DEVELOPMENT#2	04.03.26

DESIGNED BY: TT, NH
DRAWN BY: NH
CHECKED BY: TT

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SCALES AS STATED HEREON ARE VALID ON THE ORIGINAL DRAWING ONLY. CONTRACTOR SHALL CAREFULLY REVIEW ALL DIMENSIONS AND CONDITIONS SHOWN HEREON AND AT ONCE REPORT TO THE ARCHITECT ANY ERROR INCONSISTENCY OR OMISSION DISCOVERED.

BUILDING ELEVATIONS
A200

GENERAL NOTES

1. EXTERIOR COLORS ARE INDICATED BY MATERIAL MANUFACTURERS
2. ALL EXTERIOR MATERIAL TRANSITION, SILLS AND HEADERS WHICH ARE NOT CALLED OUT, MATCH TO WALL TRIM COLOR.
3. ROOF TOP UNITS (RTUs) TO BE SCREENED FROM VIEWS BY LOUVERED SCREENS IF IT IS VISIBLE FROM THE ROAD.
4. INSTALL ALL ROOF PENETRATIONS AND EQUIPMENT (IE; VENT PIPES; ROOF VENTILATORS) ON THE REAR SIDE OF THE ROOF, TO THE GREATEST EXTENT POSSIBLE

STONE VENEER
LEDGESTONE STYLE
WINDSOR PEWTER
LEDGE

STONE VENEER
THIN BRICK
DESERT GRAY

ACM PANEL
ALUCOBOND
STATUARY BRONZE

EXTERIOR FINISHING SCHEDULE

NO.	MATERIAL/ITEMS	DESCRIPTION	COLOR/FINISH
1	STONE VENEER	ALAMO STONE - LEDGESTONE	WINDSOR PEWTER LEDGE
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3	STONE VENEER	PACIFIC CLAY PRODUCTS	THIN BRICK - DESERT GRAY
4	METAL PANEL	ALUCOBOND ACM OR EQUAL	STATUARY BRONZE
5	WINDOWS (STOREFRONT)	PELLA ARCHITECT SERIES OR EQUAL	METAL - MATTE BLACK
6	EXTERIOR DOORS	ALUMINUM, PAINTED	METAL - MATTE BLACK
7	FASCIA	METAL, PAINTED	METAL - IRON ORE

KEYNOTES

1	LINE OF ROOF BEYOND
2	TENANT MAIN ENTRY
3	STONE VENEER. INSTALL PER MANUFACTURER SPECIFICATIONS
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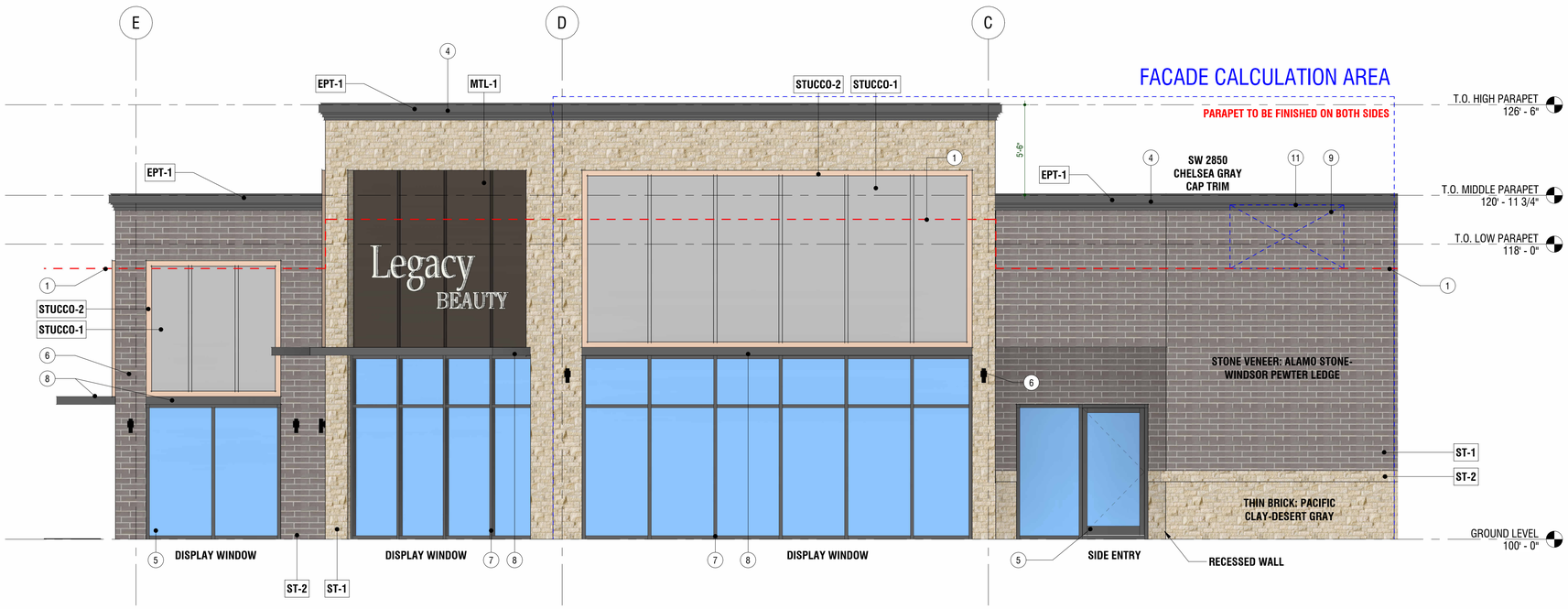
5	ANODIZED ALUMINUM STORE FRONT SYSTEM DOOR AND GLAZING
6	EXTERIOR LIGHTING
7	BREAK METAL TO MATCH STOREFRONT SYSTEM
8	METAL AWING. INSTALL PER MANUFACTURER SPECIFICATIONS
9	RTU/HVAC SYSTEM. INSTALL PER MANUFACTURER SPECIFICATIONS
10	SIGNAGE. INSTALL PER MANUFACTURER SPECIFICATIONS
11	RTU SCREENING SYSTEM TO MEET CITY REQUIREMENT, INSTALL PER MANUFACTURER SPECIFICATIONS

EAST		
EXTERIOR MATERIALS PERCENTAGES		
TOTAL FACADE AREA	1800.85 SF	
WINDOWS DOORS	349.35 SF	
AREA BALANCE	1451.50 SF	
MATERIAL	AREA	PERCENTAGE
STONE	864.95 SF	60%
METAL	96.28 SF	7%
BRICK	323.77 SF	22%
STUCCO	166.50 SF	11%
TOTAL	1451.50 SF	100%



1 EAST ELEVATION
1/4" = 1'-0"

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WITNESS OUR HANDS, this _____ day of _____, _____.

_____ Planning & Zoning Commission, Chairman

_____ Director of Planning and Zoning

ARCHITECTURE

ARCHITECT
B+A ARCHITECTURE
600 BROADWAY BLVD, SUITE 290
KANSAS CITY, MO 64105
PH: 816-753-6100

SKYRIDGE RETAIL BUILDING

LOT 2 - 2200 RIDGE RD, ROCKWALL, TX 75087

SEAL

NOT FOR CONSTRUCTION

Issue Date: 02/03/2026

NO.	REVISION	DATE
1	REV-DEVELOPMENT#1	03.03.26
2	REV-DEVELOPMENT#2	04.03.26

DESIGNED BY: NH,TT
DRAWN BY: NH
CHECKED BY: TT

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BUILDING ELEVATIONS
A201
1 2

GENERAL NOTES

1. EXTERIOR COLORS ARE INDICATED BY MATERIAL MANUFACTURERS
2. ALL EXTERIOR MATERIAL TRANSITION, SILLS AND HEADERS WHICH ARE NOT CALLED OUT, MATCH TO WALL TRIM COLOR.
3. ROOF TOP UNITS (RTUs) TO BE SCREENED FROM VIEWS BY LOUVERED SCREENS IF IT IS VISIBLE FROM THE ROAD.
4. INSTALL ALL ROOF PENETRATIONS AND EQUIPMENT (IE; VENT PIPES; ROOF VENTILATORS) ON THE REAR SIDE OF THE ROOF, TO THE GREATEST EXTENT POSSIBLE

STONE VENEER
LEDGESTONE STYLE
WINDSOR PEWTER
LEDGE

STONE VENEER
THIN BRICK
DESERT GRAY

ACM PANEL
ALUCOBOND
STATUARY BRONZE

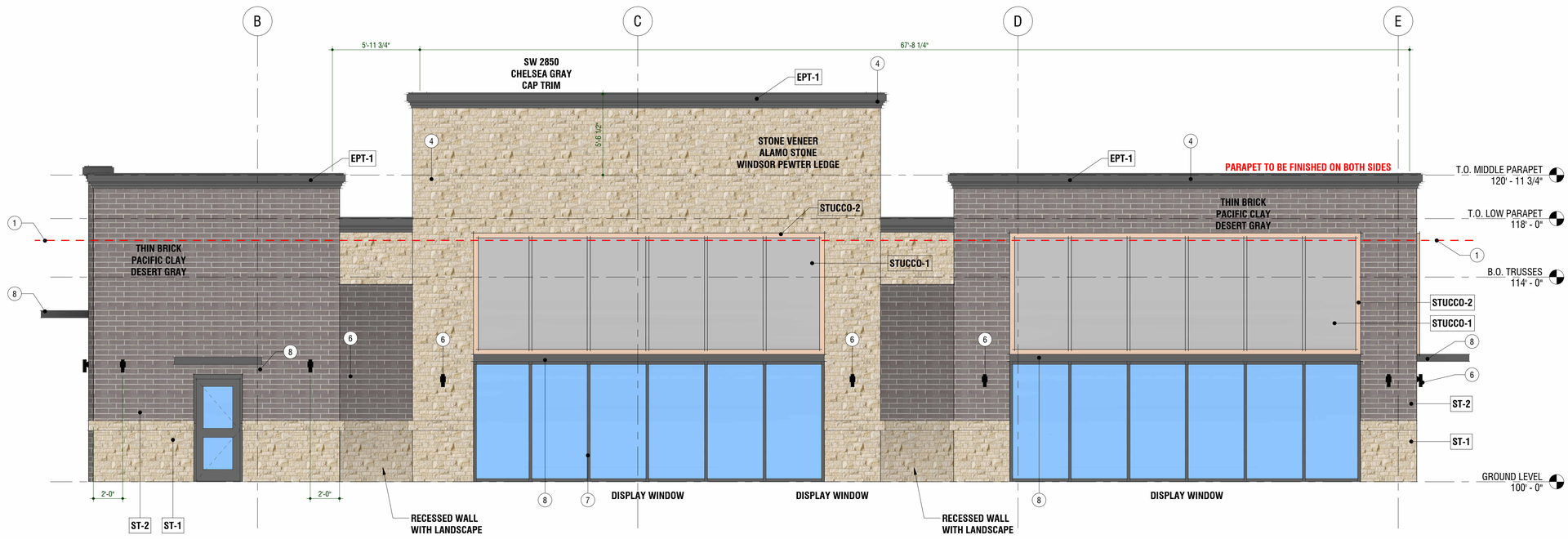
EXTERIOR FINISHING SCHEDULE

NO.	MATERIAL/ITEMS	DESCRIPTION	COLOR/FINISH
1	STONE VENEER	ALAMO STONE - LEDGESTONE	WINDSOR PEWTER LEDGE
2	STACKED STONE	OLD COUNTRY OR EQUAL	BIGHORN
3	STONE VENEER	PACIFIC CLAY PRODUCTS	THIN BRICK - DESERT GRAY
4	METAL PANEL	ALUCOBOND ACM OR EQUAL	STATUARY BRONZE
5	WINDOWS (STOREFRONT)	PELLA ARCHITECT SERIES OR EQUAL	METAL - MATTE BLACK
6	EXTERIOR DOORS	ALUMINUM, PAINTED	METAL - MATTE BLACK
7	FASCIA	METAL, PAINTED	METAL - IRON ORE

KEYNOTES

1	LINE OF ROOF BEYOND
2	TENANT MAIN ENTRY
3	STONE VENEER. INSTALL PER MANUFACTURER SPECIFICATIONS
4	CORNICE LINE TO BE PAINTED EPT-1 GRAY
5	ANODIZED ALUMINUM STORE FRONT SYSTEM DOOR AND GLAZING
6	EXTERIOR LIGHTING
7	BREAK METAL TO MATCH STOREFRONT SYSTEM
8	METAL AWING. INSTALL PER MANUFACTURER SPECIFICATIONS
9	RTU/HVAC SYSTEM. INSTALL PER MANUFACTURER SPECIFICATIONS
10	SIGNAGE. INSTALL PER MANUFACTURER SPECIFICATIONS
11	RTU SCREENING SYSTEM TO MEET CITY REQUIREMENT, INSTALL PER MANUFACTURER SPECIFICATIONS

WEST		
EXTERIOR MATERIALS PERCENTAGES		
TOTAL FACADE AREA	1950.52 SF	
WINDOWS DOORS	551.32 SF	
AREA BALANCE	1399.20 SF	
MATERIAL	AREA	PERCENTAGE
STONE	577.08 SF	41%
BRICK	436.40 SF	32%
METAL	-	-
STUCCO	385.72 SF	27%
TOTAL	1399.20 SF	100%



1 WEST ELEVATION
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_____ Director of Planning and Zoning

B+A ARCHITECTURE

ARCHITECT
B+A ARCHITECTURE
600 BROADWAY BLVD, SUITE 290
KANSAS CITY, MO 64105
PH: 816-753-6100

SKYRIDGE RETAIL BUILDING
LOT 2 - 2200 RIDGE RD, ROCKWALL, TX 75087

SEAL

NOT FOR CONSTRUCTION

Issue Date: 02/03/2026

NO.	REVISION	DATE
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2	REV-DEVELOPMENT#2	04.03.26

DESIGNED BY: NH,TT
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CHECKED BY: TT

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BUILDING ELEVATIONS
A202

GENERAL NOTES

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STONE VENEER
LEDGESTONE STYLE
WINDSOR PEWTER
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ACM PANEL
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5	WINDOWS (STOREFRONT)	PELLA ARCHITECT SERIES OR EQUAL	METAL - MATTE BLACK
6	EXTERIOR DOORS	ALUMINUM, PAINTED	METAL - MATTE BLACK
7	FASCIA	METAL, PAINTED	METAL - IRON ORE

KEYNOTES

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11	RTU SCREENING SYSTEM TO MEET CITY REQUIREMENT, INSTALL PER MANUFACTURER SPECIFICATIONS

NORTH	
EXTERIOR MATERIALS PERCENTAGES	
TOTAL FACADE AREA	1208.88 SF
WINDOWS DOORS	271.31 SF
AREA BALANCE	937.57 SF

MATERIAL	AREA	PERCENTAGE
STONE	741.56 SF	79%
METAL	N/A	-
BRICK	196.01 SF	21%
STUCCO	N/A	-
TOTAL	937.57 SF	100%

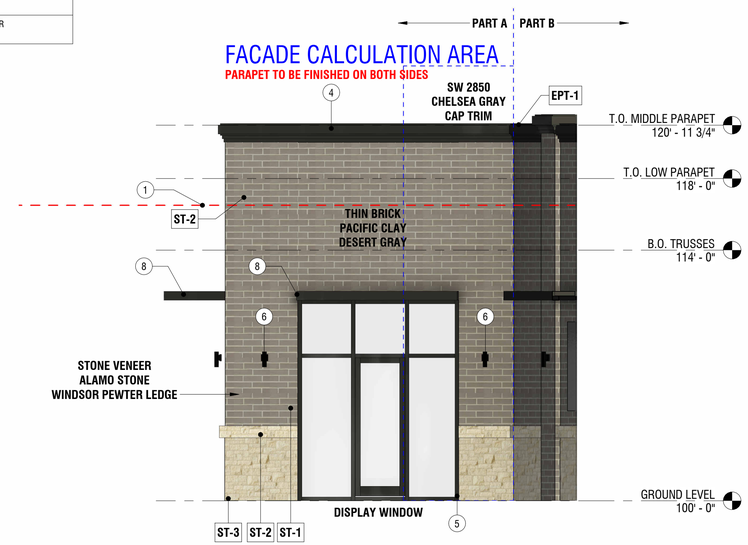
NORTHWEST	
EXTERIOR MATERIALS PERCENTAGES	
TOTAL FACADE AREA	962.82 SF
WINDOWS DOORS	100.65 SF
AREA BALANCE	862.17 SF

MATERIAL	AREA	PERCENTAGE
STONE	503.98 SF	58%
METAL	N/A	-
BRICK	284.73 SF	33%
STUCCO	73.46 SF	9%
TOTAL	862.17 SF	100%

FACADE CALCULATION AREA

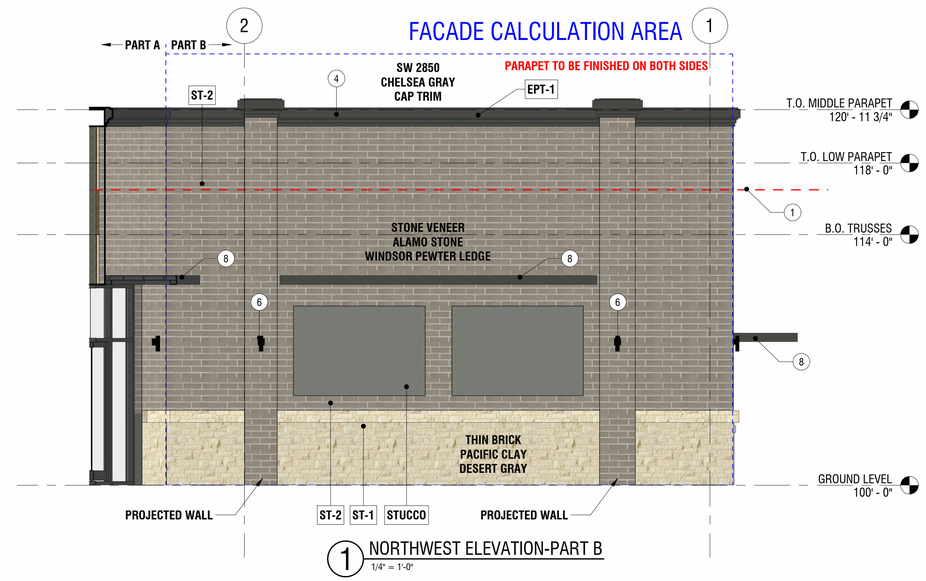
3 NORTH ELEVATION
1/4" = 1'-0"

FACADE CALCULATION AREA



2 NORTHWEST ELEVATION-PART A
1/4" = 1'-0"

FACADE CALCULATION AREA



1 NORTHWEST ELEVATION-PART B
1/4" = 1'-0"

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_____ Director of Planning and Zoning

ARCHITECTURE
ARCHITECT
B+A ARCHITECTURE
600 BROADWAY BLVD, SUITE 290
KANSAS CITY, MO 64105
PH: 816-753-6100

SKYRIDGE RETAIL BUILDING
LOT 2 - 2200 RIDGE RD, ROCKWALL, TX 75087

SEAL

NOT FOR CONSTRUCTION

Issue Date: 02/03/2026

NO.	REVISION	DATE
1	REV-DEVELOPMENT#1	03.03.26
2	REV-DEVELOPMENT#2	04.03.26

DESIGNED BY: NH,TT
DRAWN BY: NH
CHECKED BY: TT

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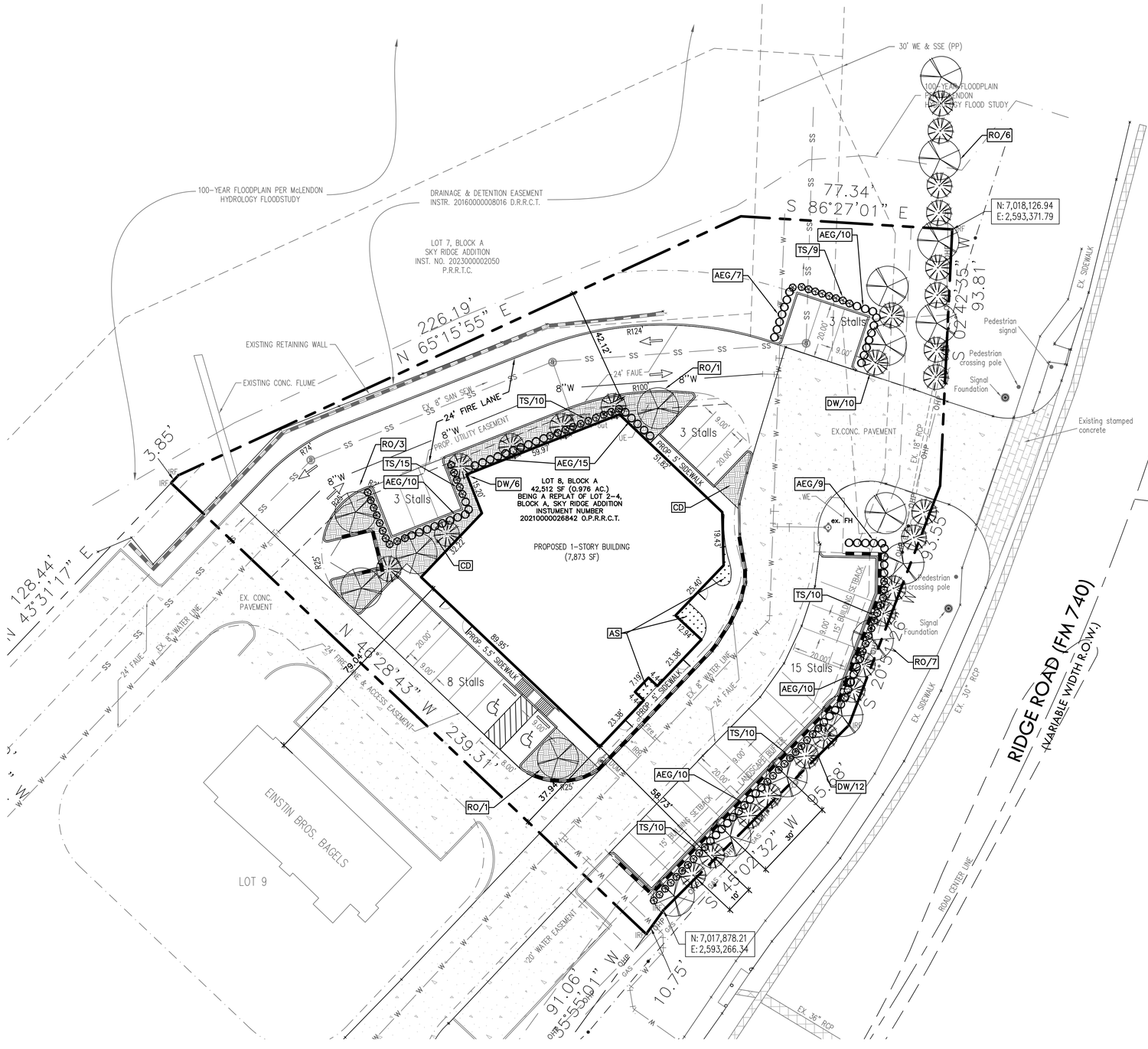
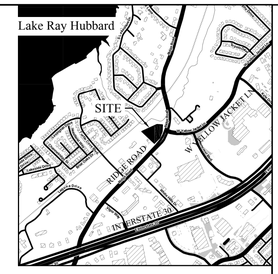
BUILDING ELEVATIONS
A203





VICINITY MAP
(NTS)

1. Overall Site Landscaping Percentage

- For **Commercial Districts**, the required landscaping is **20%** of the net lot area.

Required	Provided
20% x 42,512 sf = 8,502.40 sf	10,899 sf (26%)

2. Perimeter Landscaping (Buffers)

- **A. Street Frontage Landscaping:**
  - **Requirement: 10 feet** along all public street frontages.
  - **Canopy Trees: 3 canopy trees per 100 linear feet** of street frontage.
  - **Accent Trees: 4 accent trees per 100 linear feet** of street frontage.
  - **Shrubs/Groundcover:** The remaining area within the landscape strip must be covered with shrubs, groundcover, or turf).

Required	Provided
10' buffer	10'
Canopy trees = 293.79 LF * 3/100 = 9	13
Accent trees = 293.79 LF *4/100 = 12	22
3 shrubs/10 LF x 283.04 LF = 85 Shrubs	85

3. Interior Parking Lot Landscaping

- **Trees:**
  - **Number/Coverage: one (1) shade tree per 10 number of parking spaces** (1/10 x 35 spaces = 4 trees), or 20% of the parking lot area (20% x 5,760 sf = 1,152 sf).
  - **Island Requirements:** Landscaped islands are typically required at the end of every parking row and within longer rows (e.g., for every 10-15 spaces). These islands must accommodate at least one large canopy tree.
- **Shrubs/Groundcover:** All areas within interior landscape islands and strips must be fully planted with shrubs, groundcover, or turf.

Required	Provided
1 canopy tree/10 parking spaces x 32 = 3 trees	5
Accent trees	3
Shrubs	50
5,760 sf x 20% = 1,152 sf	1,985 sf (34%)

LANDCAPE LEGEND

	CD	COMMON BURMUDA GRASS SOD
	AS	ASIATIC JASMINE
	RO	TEXAS RED OAK
	DW	DESERT WILLOW
	AEG	EDWARD GOUCHER ABELIA
	TS	TEXAS SAGE
		PROPOSED RETAINING WALL

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_____ Director of Planning and Zoning

Henry Nguyen Consulting, LLC
Civil Engineering
1330 Glenfield Ave, Dallas, Texas 75224
(214) 773-4075 Email: henguyen@swbell.net
Texas Registered Engineering Firm F-16239

REVISIONS

Date	Description	Approved

SKYRIDGE RETAIL BUILDING
2200 RIDGE ROAD
ROCKWALL, TEXAS 75087

DESIGN HNC
DRAWN HNC
DATE 05/08/2026
Job#: 25001

STATE OF TEXAS
HENRY T. NGUYEN
71065
REGISTERED PROFESSIONAL ENGINEER

The seal appearing on this document was authorized by Henry Nguyen, P.E. 71065. Alteration of a sealed document with out proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.

LANDSCAPE PLAN

L1

May 08,2026 3:25pm henguy
C:\Users\henguy\OneDrive\Henry Nguyen Consulting\Projects\Active\25001-SKY RIDGE ADDITION\18-SHEET_SETS\L1-LANDSCAPE.dwg

VICINITY MAP
(NTS)

GENERAL LAWN NOTES

1. ALL LANDSCAPE/TURF AREAS TO BE INSTALLED WITH AUTOMATIC IRRIGATION SYSTEM MEETING CITY AND TCEQ STANDARD.
2. CONTRACTOR SHALL LEAVE LAWN AREAS 4" BELOW FINAL FINISHED GRADE PRIOR TO TOPSOIL INSTALLATION.
3. CONTRACTOR TO APPLY 4" CLEAN TOPSOIL TO ALL TURF AREAS PRIOR TO INSTALLATION OF SOD OR HYDROMULCH
4. CONTRACTOR SHALL FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS AS INDICATED ON CIVIL PLANS. ADJUST CONTOURS TO ACHIEVE POSITIVE DRAINAGE AWAY FROM BUILDINGS. PROVIDE UNIFORM ROUNDING AT TOP AND BOTTOM OF SLOPES AND OTHER BREAKS IN GRADE. CORRECT IRREGULARITIES AND AREAS WHERE WATER MAY STAND.
5. LAWN AREAS SHALL BE FINE GRADED, IRRIGATION TRENCHES COMPLETELY SETTLED AND FINISH GRADE
6. REMOVE ROCKS 3/4" DIAMETER AND LARGER, DIRT CLODS, STICKS, CONCRETE SPOILS, ETC. PRIOR TO PLACING TOPSOIL AND LAWN INSTALLATION.
7. GUARANTEE ESTABLISHMENT OF ACCEPTABLE TURF AREA AND PROVIDE REPLACEMENT FROM LOCAL SUPPLY IF NECESSARY.
8. PLANT SOD BY HAND TO COVER INDICATED AREAS COMPLETELY, ENSURE EDGES OF SOD ARE TOUCHING. TOP DRESS JOINTS BY HAND WITH TOPSOIL TO FILL VOIDS.
9. ROLL GRASS AREAS TO ACHIEVE A SMOOTH, EVEN SURFACE, FREE FROM UNNATURAL UNDULATIONS.
10. WATER SOD THOROUGHLY AS SOD REESTABLISHMENT PROGRESSES.
11. IF INSTALLATION OCCURS BETWEEN SEPTEMBER 1 AND MARCH 1, OVER-SEED BERMUDA GRASS SOD WITH WINTER RYEGRASS, AT A RATE OF FOUR (4) POUNDS PER ONE THOUSAND (1000) SQUARE FEET.

CUSTOM PLANTING SOIL:

AMENDED SOIL (IN SHRUB PLANTING BEDS & AT TREES)
PRODUCT: LANDSCAPERS BLEND (50/50)
DEPTH: 6" (TILLED INTO 6" OF EXISTING SOIL FOR A TOTAL DEPTH OF 12")
SUPPLIER: SOIL BUILDING SYSTEMS
CONTACT: 972-831-8181
INSTALLATION: PER SOIL BUILDING SYSTEMS SPECIFICATIONS

STEEL EDGING:

METAL EDGING TO SEPARATE PLANTING BEDS FROM ADJACENT TURF
PRODUCT: DURAEDGE
SIZE: 3/16" THICK x 4" HEIGHT x 16' LENGTH

NOTES: METAL EDGING SHALL NOT BE INSTALLED PARALLEL AGAINST CURBS AND SIDEWALKS. METAL EDGING SHALL BE TRIMMED WHERE IT ABUTTS SIDEWALKS AND CURBS TO AVOID SHARP EDGES.

IRRIGATION:

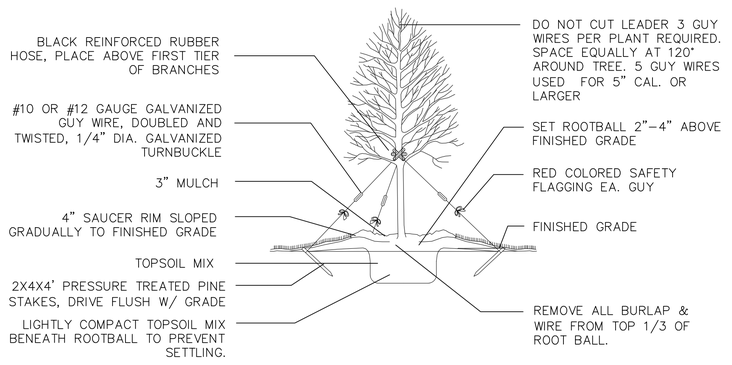
ALL REQUIRED LANDSCAPE AREAS SHALL HAVE AN AUTOMATIC IRRIGATION SYSTEM WITH A FREEZE/RAIN SENSOR. SYSTEM SHALL ALSO HAVE AN ET WEATHER BASED CONTROLLER AND BE DESIGNED AND INSTALLED BY A LICENSED IRRIGATOR. THE IRRIGATION WILL MEET THE REQUIREMENT OF THE UDC.

PLANT LIST

SYMBOL	BOTANIC NAME	COMMON NAME	QTY.	UNIT	SIZE	NOTES
*						
GROUND COVER						
CD	CYNODON DACTYLON	COMMON BURMUDA GRASS SOD	1820	SF		SOLID SOD PER INDUSTRY STANDARD
AS	TRACHELOSPERMUM	ASITIC JASMINE	165	SF		
*						
TREES AND SHRUBS						
RO	QUERCUS BUCKLEYI	TEXAS RED OAK	18	EA	4" CALIPER	SPACING PER PLAN
DW	CHILOPSIS LINEARIS	DESERT WILLOW	25	EA	4' HEIGHT	SPACING PER PLAN
AEG	ABELIA X 'EDWARD GOUCHER'	EDWARD GOUCHER ABELIA	71	EA	5 GAL	24" HEIGHT SPACED 36" O.C. MIN.
TS	LEUCOPHYLLUM FRUTESCENS	TEXAS SAGE	64	EA	5 GAL	24" HEIGHT SPACED 36" O.C. MIN.

A SHRUB PLANTING DETAIL

SCALE: NONE



B TREE PLANTING DETAIL

SCALE: NONE

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ROCKWALL, TEXAS 75087

DESIGN	HNC
DRAWN	HNC
DATE	05/08/2026

Job#: 25001

STATE OF TEXAS
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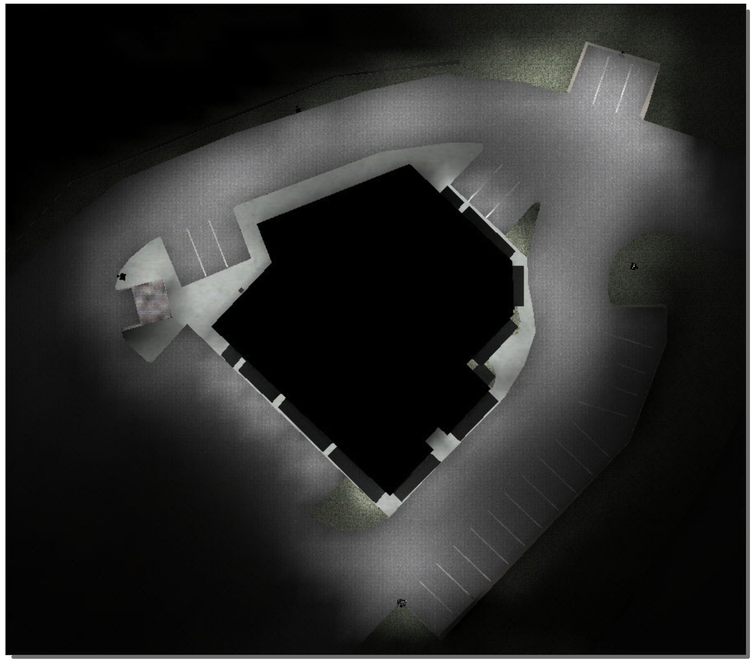
LANDSCAPE PLAN

L2

May 08,2026 3:26pm henguy
C:\Users\henguy\OneDrive\Henry Nguyen Consulting\Projects\Active\25001-SKY RIDGE ADDITION\18-SHEET_SETS\L2-LANDSCAPE.dwg



BIRD'S EYE VIEW

RENDERING FROM SOUTH-EAST

CALCULATION SUMMARY IN FOOT-CANDLES

AREA	Avg	Max	Min	Max/Min
PROPERTY LINE	0.0	0.2	0.0	N.A.
SHARED PARKING LOT	0.0	0.2	0.0	N.A.
SOUTH-WEST PARKING	2.0	7.6	0.1	76.0
NORTH- EAST PARKING	2.6	8.4	0.1	84.0

**The allowable maximum light intensity measured at the property line of a non-residential property shall be 0.2 of one foot candle.

INFORMATION CONTAINED IN THIS DOCUMENT IS FOR REVIEW PURPOSES ONLY. REFERENCES, RECOMMENDED PRACTICES, AND INDUSTRY STANDARDS ARE FOR LIGHT LEVEL & CALCULATION PURPOSES. THE USE OF THIS DOCUMENT FOR FINAL CONSTRUCTION DOCUMENTS IS STRICTLY PROHIBITED.

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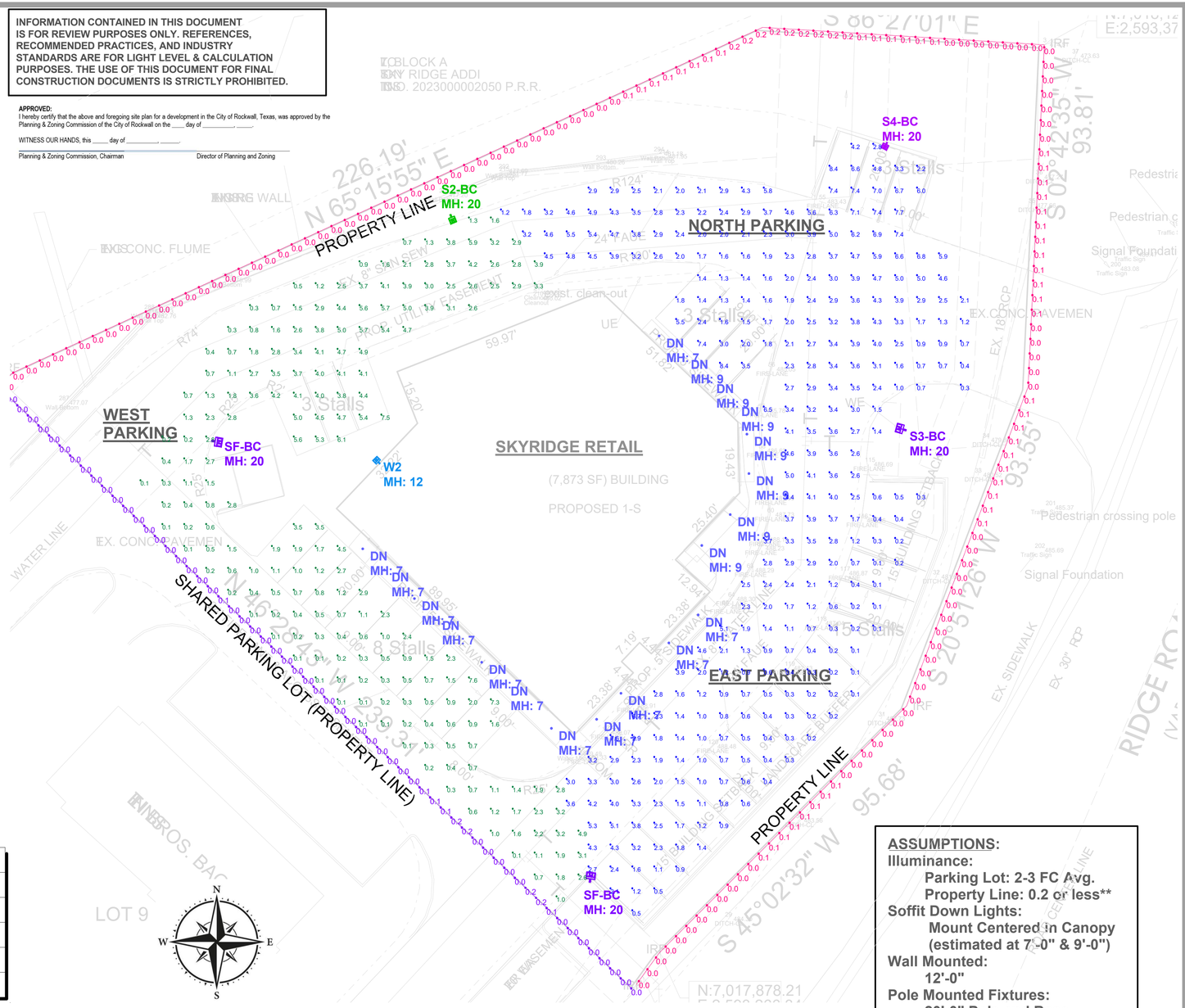

SITE LIGHTING PHOTOMETRICS

ASSUMPTIONS:
Illuminance:
Parking Lot: 2-3 FC Avg.
Property Line: 0.2 or less**
Soffit Down Lights:
Mount Centered in Canopy (estimated at 7'-0" & 9'-0")
Wall Mounted:
12'-0"
Pole Mounted Fixtures:
20'-0" Pole and Base
Calculations Points @ Grade

LIGHTING FIXTURE SCHEDULE

SYB.	TAG	QTY.	MODEL	DISCRIPTION	LLF	WATTS	LUMENS
	W2	1	VPW2-18L-39-3K7-2	BEACON VIPER-WALL PACK-3000°K-TYPE II OPTICS	0.900	38.8	4683
	SF-BC	2	VP-2-320L-145-3K7-4F-HSS-270-BSS	BEACON VIPER-MICROSTRIKE-3000°K-TYPE IV FORWRD-OPTICS	0.900	145.6	14491
	S4-BC	1	VP-2-320L-210-3K7-4W-BC	BEACON VIPER-MICROSTRIKE-3000°K-TYPE IV -BACK CONTROL	0.900	213.9	15600
	S3-BC	1	VP-2-320L-235-3K7-3-BC	BEACON VIPER-MICROSTRIKE-3000°K-TYPE III -BACK CONTROL	0.900	238	18264
	S2-BC	1	VP-2-320L-235-3K7-2-BC	BEACON VIPER-MICROSTRIKE-3000°K-TYPE II -BACK CONTROL	0.900	238	16185
	DN	19	NU4-RD-SW-30LM-30K-LOPRO	ALAPHABET-4 IN- ROUND-3000°K-LOW PROFILE HOUSING	0.900	26.72	2234

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convergence
103 E 18th Avenue
North Kansas City, MO 64116
Phone: (816) 581-6300

SKYRIDGE RETAIL
LOT 2 - 2200 RIDGE RD,
ROCKWALL, TX 75087

CALC-0242-SKYRIDGE RETAIL-ROCKWALL-TX-REV-03

DESIGNED BY:	RMD
REVISIONS	
REV-01: NEW PLAN & PL REQ.	
REV-02: ADD NEW CIVIL DWG	
REV-03: PROPERTY LINE =< 0.2	
DATE:	4/29/2026

BEACON
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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

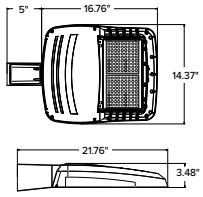
MICRO STRIKE | SILICONE STRIKE | OPTICS STRIKE

FEATURES

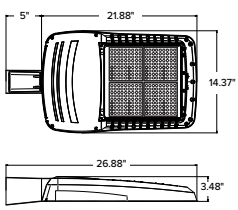
- Low profile LED area/site luminaire with a variety of IES distributions for lighting applications such as auto dealership, retail, commercial, and campus parking lots
- Featuring two different optical technologies, Strike and Micro Strike Optics, which provide the best distribution patterns for retrofit or new construction
- Rated for high vibration applications including bridges and overpasses. All sizes are rated for 1.5G
- Control options including photo control, occupancy sensing, NX Lighting Controls™, LightGRID+ and 7-Pin with networked controls
- New customizable lumen output feature allows for the wattage and lumen output to be customized in the factory to meet whatever specification requirements may entail
- Field interchangeable mounting provides additional flexibility after the fixture has shipped

c UL us IP65 IP66 DLC LISTED DLC LISTED PREMIUM ida DARK SKY APPROVED 2016 BAA TAA

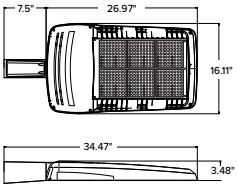
SIZE 1



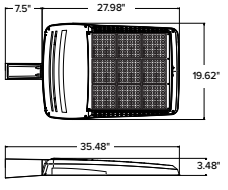
SIZE 2



SIZE 3



SIZE 4



CONTROL TECHNOLOGY

NX CONNECT NX WIRED NX WIRELESS LIGHTGRID+

SERVICE PROGRAMS

STOCK QS10

SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with 1000 hour powder coat paint finish
- External hardware is corrosion resistant

OPTICS

- Micro Strike Optics (160, 320, 480, or 720 LED counts) maximize uniformity in applications and come standard with mid-power LEDs which evenly illuminate the entire luminous surface area to provide a low glare appearance. Catalog logic found on page 2
- Strike Optics (36, 72, 108, or 162 LED counts) provide best in class distributions and maximum pole spacing in new applications with high powered LEDs. Strike optics are held in place with a polycarbonate bezel to mimic the appearance of the Micro Strike Optics so both solutions can be combined on the same application. Catalog logic found on page 3
- Silicone Strike Optics (40, 80, 120, or 180 LED counts) maximize uniformity in applications and provides the highest LPW. These include an integral gasket allowing for IP66 rating. Catalog logic found on page 4.
- All optics maximize target zone illumination with minimal losses at the house-side, reducing light trespass issues. Additional backlight control shields and house side shields can be added for further reduction of illumination behind the pole
- One-piece silicone gasket ensures a weatherproof seal
- Zero up-light at 0 degrees of tilt
- Field rotatable optics

INSTALLATION

- Mounting patterns for each arm can be found on page 11
- Optional universal mounting block for ease of installation during retrofit applications. Available as an option (ASQU) or accessory for square and round poles
- All mounting hardware included

INSTALLATION (CONTINUED)

- Knuckle arm fitter option available for 2-3/8" OD tenon
- For products with EPA less than 1 mounted to a pole greater that 20ft, a vibration damper is recommended

ELECTRICAL

- Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz
- Ambient operating temperature -40˚C to 40˚C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- Field replaceable surge protection device provides 20kA protection meeting ANSI/ IEEE C62.41.2 Category C High and Surge Location Category C3; Automatically takes fixture off-line for protection when device is compromised
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options cannot be combined

CONTROLS

- Photo control, occupancy sensor programmable controls, and Zigbee wireless controls available for complete on/off and dimming control
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- 0-10V Dimming Drivers are standard. Select CD option to have dimming leads extended outside the luminaire. Must specify if wiring leads are to be greater than the 6" standard.

	EPA				
	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	Config.
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	
Four at 90	1.166	1.422	1.714	1.896	

CONTROLS (CONTINUED)

- NX Lighting Controls™ available with in fixture wireless control module, features dimming and occupancy sensor
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor. Also available in 7-pin configuration

CERTIFICATIONS

- DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Not all product variations listed in this document are DLC® qualified. Refer to http://www.designlights.org for the most up-to-date list.
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40˚C ambient temperatures
- 1.5 G rated for ANSI C136.31 high vibration applications
- Fixture is IP65 rated with Strike and Microstrike optics. Fixture is IP66 rated with Silicone Strike optics.
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy America(n) Solutions (link to https://www.currentlighting.com/resources/america-solutions).
- FCC CFR Title 47 Part 15, Class A

WARRANTY

- 5 year warranty

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VIPER Area/Site

VIPER LUMINAIRE

MICROSTRIKE OPTICS – ORDERING GUIDE

Gray Shading = Service Program Limit of 15 luminaires QS10

Example: VP–2–320L-145–3K7–2–R–UNV–A3–BLT

CATALOG #

VP –

Series	
VP	Viper

–

Optic Platform	
Micro Strike	

–

Size	
1	Size 1
2	Size 2
3	Size 3
4	Size 4

–

Light Engine	
160L-35 [6]	5500 lumens
160L-50 [6]	7500 lumens
160L-75	10000 lumens
160L-100	12500 lumens
160L-115	15000 lumens
160L-135	18000 lumens
160L-160	21000 lumens
320L-145	21000 lumens
320L-170	24000 lumens
320L-185	27000 lumens
320L-210	30000 lumens
320L-235	33000 lumens
320L-255	36000 lumens
320L-315 [6]	40000 lumens
480L-285	40000 lumens
480L-320	44000 lumens
480L-340	48000 lumens
480L-390	52000 lumens
480L-425	55000 lumens
480L-470	60000 lumens
720L-435	60000 lumens
720L-475	65000 lumens
720L-515	70000 lumens
720L-565 [6]	75000 lumens
720L-600 [6]	80000 lumens
CLO	Custom Lumen Output [1]

–

CCT/CRI	
AP	AP-Amber Phosphor Converted
27K8	2700K, 80 CRI
3K7	3000K, 70 CRI
3K8	3000K, 80 CRI
35K8	3500K, 80 CRI
3K9	3000K, 90 CRI
4K7	4000K, 70 CRI
4K8	4000K, 80 CRI
4K9	4000K, 90 CRI
5K7	5000K, 70 CRI
5K8	5000K, 80 CRI

–

Distribution	
2	Type 2
3	Type 3
4F	Type 4 Forward
4W	Type 4 Wide
5QW	Type 5 Square Wide

–

Optic Rotation	
BLANK	**No Rotation**
L	Optic rotation left
R	Optic rotation right

–

Voltage	
UNV	120-277V
120	120V
208	208V
240	240V
277	277V
347	347V
480	480V

–

Mounting	
A	Arm mount for square pole/flat surface (B3 Drill Pattern) (Does not include round pole adapter)
A_	Arm mount for round pole [2]
ASQU	Universal arm mount for square pole. Can be used with B3 or S2 Drill Pattern
A_U	Universal arm mount for round pole [2]
AAU	Adjustable arm for pole mounting (universal drill pattern)
AA_U	Adjustable arm mount for round pole [2]
ADU	Decorative upswept Arm (universal drill pattern)
AD_U	Decorative upswept arm mount for round pole [2]
MAF	Mast arm fitter for 2-3/8" OD horizontal arm
K	Knuckle
T	Trunnion
WB	Wall Bracket, horizontal tenon with MAF
WM	Wall mount bracket with decorative upswept arm
WA	Wall mount bracket with adjustable arm

–

Color	
BLT	Black Matte Textured
BLS	Black Gloss Smooth
DBT	Dark Bronze Matte Textured
DBS	Dark Bronze Gloss Smooth
GTT	Graphite Matte Textured
LGS	Light Grey Gloss Smooth
LGT	Light Grey Gloss Textured
PSS	Platinum Silver Smooth
WHT	White Matte Textured
WHS	White Gloss Smooth
VGT	Verde Green Textured

Color Option	
CC	Custom Color

–

Options	
F	Fusing
2PF	Dual Power Feed
2DR	Dual Driver
TE	Tooless Entry
BC	Backlight Control [8]
TB	Terminal Block
CD	Customer Dimming

–

Network Control Options	
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,3,4]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,3,4]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [3,4]
WIR	LightGRID+ In-Fixture Module [3,4]
WIRSC	LightGRID+ Module and Occupancy Sensor [3,4]
Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
7PR	7-Pin Receptacle [4]
7PR-SC	7-Pin Receptacle with shorting cap [4]
7PR-TL	7-Pin PCR with photocontrol
3PR	3-Pin twist lock [4]
3PR-SC	3-Pin receptacle with shorting cap [4]
3PR-TL	3-Pin PCR with photocontrol [4]
Programmed Controls	
SCP-_F	Sensor Control Programmable, 8F or 40F [9]
ADD	AutoDim Timer Based Dimming [10]
ADT	AutoDim Time of Day Dimming [10]

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information
2 – Replace "_" with "3" for 3.5"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
3 – Networked Controls cannot be combined with other control options
4 – Not available with 2PF option
5 – Not available with Dual Driver option
6 – Some voltage restrictions may apply when combined with controls
7 – Not available with 480V
8 – BC not available on 4F and type 5 distributions
9 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.
10 - Please refer to page 8 for AutoDim ordering guide

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CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

STRIKE OPTIC – ORDERING GUIDE

Example: VP–ST–1–36L-39–3K7–2–UNV–A–BLT

CATALOG #

VP –

Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper	**ST** Strike	**1** Size 1	**36L-39** [8] 5500 lumens	**AM** monochromatic amber, 595nm	**FR** Auto Front Row	**BLANK** No Rotation	**UNV** 120-277V
			36L-55 [8] 7500 lumens	**27K8** 2700K, 80 CRI	**2** Type 2	**L** Optic rotation left	**120** 120V
			36L-85 10000 lumens	**3K7** 3000K, 70 CRI	**3** Type 3	**R** Optic rotation right	**208** 208V
			36L-105 12500 lumens	**3K8** 3000K, 80 CRI	**4F** Type 4 Forward		**240** 240V
			36L-120 14000 lumens	**3K9** 3000K, 90 CRI	**4W** Type 4 Wide		**277** 277V
		2 Size 2	**72L-115** 15000 lumens	**35K8** 3500K, 80 CRI	**5QN** Type 5 Square Narrow		**347** 347V
			72L-145 18000 lumens	**4K7** 4000K, 70 CRI	**5QW** Type 5 Square Wide		**480** 480V
			72L-180 21000 lumens	**4K8** 4000K, 80 CRI	**5QM** Type 5 Square Medium		
			72L-210 24000 lumens	**4K9** 4000K, 90 CRI	**5W** Type 5 Wide (Round)		
			72L-240 27000 lumens	**5K7** 5000K, 70 CRI	**5RW** Type 5 Rectangular		
		3 Size 3	**108L-215** [8] 27000 lumens	**5K8** 5000K, 80 CRI	**C** Corner Optic		
			108L-250 30000 lumens		**TC** Tennis Court Optic		
			108L-280 33000 lumens				
			108L-325 36000 lumens				
			108L-365 40000 lumens				
		4 Size 4	**162L-320** 40000 lumens				
			162L-365 [10] 44000 lumens				
			162L-405 48000 lumens				
			162L-445 52000 lumens				
			162L-485 55000 lumens				
			162L-545 [8] 60000 lumens				
			CLO Custom Lumen Output [1]				

–

Mounting	Color	Options
A Arm mount for square pole/flat surface	**BLT** Black Matte Textured	**F** Fusing
A_ Arm mount for round pole [3]	**BLS** Black Gloss Smooth	**E** Battery Backup [1,2,7,8,9]
ASQU Universal arm mount for square pole	**DBT** Dark Bronze Matte Textured	**2PF** Dual Power Feed
A_U Universal arm mount for round pole [3]	**DBS** Dark Bronze Gloss Smooth	**2DR** Dual Driver
AAU Adjustable arm for pole mounting (universal drill pattern)	**GTT** Graphite Matte Textured	**TE** Tooless Entry
AA_U Adjustable arm mount for round pole [3]	**LGS** Light Grey Gloss Smooth	**BC** Backlight Control
ADU Decorative upswept Arm (universal drill pattern)	**LGT** Light Grey Gloss Textured	**TB** Terminal Block
AD_U Decorative upswept arm mount for round pole [3]	**PSS** Platinum Silver Smooth	**CD** Customer Dimming
MAF Mast arm fitter for 2-3/8" OD horizontal arm	**WHT** White Matte Textured	
K Knuckle	**WHS** White Gloss Smooth	
T Trunnion	**VGT** Verde Green Textured	
WB Wall Bracket, horizontal tenon with MAF	**Color Option**	
WM Wall mount bracket with decorative upswept arm	**CC** Custom Color	
WA Wall mount bracket with adjustable arm		

Network Control Options	
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [4,5]
WIR	LightGRID+ In-Fixture Module [4,5]
WIRSC	LightGRID+ Module and Occupancy Sensor [4,5]
Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
7PR	7-Pin Receptacle [4]
7PR-SC	7-Pin Receptacle with shorting cap [4]
7PR-TL	7-Pin PCR with photocontrol
3PR	3-Pin twist lock [4]
3PR-SC	3-Pin receptacle with shorting cap [4]
3PR-TL	3-Pin PCR with photocontrol [4]
Programmed Controls	
SCP-_F	Sensor Control Programmable, 8F or 40F [11]
ADD	AutoDim Timer Based Dimming [12]
ADT	AutoDim Time of Day Dimming [12]

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information
2 – Battery temperature rating -20C to 55C
3 – Replace "_" with "3" for 3.5"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
4 – Networked Controls cannot be combined with other control options
5 – Not available with 2PF option
6 – Not available with 480V
7 – Not available with 347 or 480V
8 – Not available with Dual Driver option
9 – Only available in Size 1 housing, up to 105 Watts
10 – Some voltage restrictions may apply when combined with controls
11 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.
12 - Please refer to page 8 for AutoDim ordering guide

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DATE: LOCATION:

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VIPER Area/Site

VIPER LUMINAIRE

SILICONE STRIKE OPTIC – ORDERING GUIDE

Example: VP-SS-1-40L-75-4K7-4W-UNV-ASQU-BLT

CATALOG #

VP – | – | – | – | – | – | – | – | –

Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper	**SS** Strike Silicone	**1** Size 1	**40L-35** 35W, 5,500 Lumens	**22K7** 2200K, 70 CRI	**2** Type 2	**BLANK** No Rotation	**UNV** 120-277V
			40L-55 55W, 7,500 Lumens	**27K7** 2700K, 70 CRI	**3** Type 3	**L** Optic rotation left	**120** 120V
			40L-65 65W, 10,000 Lumens	**27K8** 2700K, 80 CRI	**4W** Type 4 Wide	**R** Optic rotation right	**208** 208V
			40L-80 80W, 12,500 Lumens	**3K7** 3000K, 70 CRI	**4F** Type 4 Forward		**240** 240V
			40L-100 100W, 15,000 Lumens	**3K8** 3000K, 80 CRI	**5QM** Type 5 Square Medium		**277** 277V
			40L-120 120W, 17,500 Lumens	**35K8** 3500K, 80 CRI	**5QW** Type 5 Square Wide		**347** 347V
			40L-140 140W, 20,000 Lumens	**4K7** 4000K, 70 CRI			**480** 480V
			40L-170 170W, 22,500 Lumens	**4K8** 4000K, 80 CRI			
			40L-195 195W, 25,000 Lumens	**5K7** 5000K, 70 CRI			
		2 Size 2	**80L-75** 75W, 12,500 Lumens	**5K8** 5000K, 80 CRI			
			80L-90 90W, 15,000 Lumens				
			80L-105 105W, 17,500 Lumens				
			80L-130 130W, 21,000 Lumens				
			80L-155 155W, 24,000 Lumens				
			80L-175 175W, 27,000 Lumens				
			80L-205 205W, 30,000 Lumens				
			80L-225 225W, 33,000 Lumens				
			80L-250 250W, 36,000 Lumens				
			80L-280 280W, 40,000 Lumens				
		3 Size 3	**120L-190** 190W, 30,000 Lumens				
			120L-205 205W, 33,000 Lumens				
			120L-230 230W, 36,000 Lumens				
			120L-265 265W, 40,000 Lumens				
			120L-295 295W, 44,000 Lumens				
			120L-320 320W, 48,000 Lumens				
			120L-355 355W, 52,000 Lumens				
			120L-380 380W, 55,000 Lumens				
			120L-420 420W, 60,000 Lumens				
		4 Size 4	**180L-275** 275W, 44,000 Lumens				
			180L-295 295W, 48,000 Lumens				
			180L-335 335W, 52,000 Lumens				
			180L-360 360W, 55,000 Lumens				
			180L-395 395W, 60,000 Lumens				
			180L-435 435W, 65,000 Lumens				
			180L-470 470W, 70,000 Lumens				
			180L-510 510W, 75,000 Lumens				
			180L-550 550W, 80,000 Lumens				

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VIPER Area/Site

VIPER LUMINAIRE

SILICONE STRIKE OPTIC – ORDERING GUIDE (CONTINUED)

Mounting	
A	Arm mount for square pole/flat surface
A_	Arm mount for round pole [3]
ASQU	Universal arm mount for square pole
A_U	Universal arm mount for round pole [3]
AAU	Adjustable arm for pole mounting (universal drill pattern)
AA_U	Adjustable arm mount for round pole [3]
ADU	Decorative upswept Arm (universal drill pattern)
AD_U	Decorative upswept arm mount for round pole [3]
MAF	Mast arm fitter for 2-3/8" OD horizontal arm
K	Knuckle
T	Trunnion
WB	Wall Bracket, horizontal tenon with MAF
WM	Wall mount bracket with decorative upswept arm
WA	Wall mount bracket with adjustable arm

Color	
BLT	Black Matte Textured
BLS	Black Gloss Smooth
DBT	Dark Bronze Matte Textured
DBS	Dark Bronze Gloss Smooth
GTT	Graphite Matte Textured
LGS	Light Grey Gloss Smooth
LGT	Light Grey Gloss Textured
PSS	Platinum Silver Smooth
WHT	White Matte Textured
WHS	White Gloss Smooth
VGT	Verde Green Textured

Color Option	
CC	Custom Color

Options	
BC	Backlight Control (3%)
MBC	Max Backlight Control (1.5%)
LCC	Left Corner Control
RCC	Right Corner Control
F	Fusing
E	Battery Backup [1,2,7,8,9]
2PF	Dual Power Feed
2DR	Dual Driver
TE	Tooless Entry
TB	Terminal Block
CD	Customer Dimming

Network Control Options	
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [4,5]
WIR	LightGRID+ In-Fixture Module [4,5]
WIRSC	LightGRID+ Module and Occupancy Sensor [4,5]

Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
7PR	7-Pin Receptacle [4]
7PR-SC	7-Pin Receptacle with shorting cap [4]
7PR-TL	7-Pin PCR with photocontrol
3PR	3-Pin twist lock [4]
3PR-SC	3-Pin receptacle with shorting cap [4]
3PR-TL	3-Pin PCR with photocontrol [4]

Programmed Controls	
SCP-_F	Sensor Control Programmable, 8F or 40F [11]
ADD	AutoDim Timer Based Dimming [12]
ADT	AutoDim Time of Day Dimming [12]

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4 – Networked Controls cannot be combined with other control options
5 – Not available with 2PF option
6 – Not available with 480V
7 – Not available with 347 or 480V
8 – Not available with Dual Driver option
9 – Only available in Size 1 housing, up to 105 Watts
10 – Some voltage restrictions may apply when combined with controls
11 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.
12 - Please refer to page 8 for AutoDim ordering guide

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VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

ORDERING GUIDE (CONT'D)

CATALOG #

Accessory Type		Size		Option		Color	
SHD	Shield	**1**	Size 1	**HSS-90-B**	House Side Shield 90° Back	**BLS**	Black Gloss Smooth
		2	Size 2	**HSS-90-F**	House Side Shield 90° Front	**BLT**	Black Matte Textured
		3	Size 3	**HSS-90-S**	House Side Shield 90° Side	**DBS**	Dark Bronze Gloss Smooth
		4	Size 4	**HSS-270-BSS**	House Side Shield 270° Back/Side/Side	**DBT**	Dark Bronze Matte Textured
				HSS-270-FSS	House Side Shield 270° Front/Side/Side	**GTT**	Graphite Matte Textured
				HSS-270-FSB	House Side Shield 270° Front/Side/Back	**LGS**	Light Gray Gloss Smooth
				HSS-360	House Side Shield 360°	**PSS**	Platinum Silver Smooth
				BC	Back Light Control	**WHS**	White Gloss Smooth
MTG	Mounting			**A**	Arm Mount for square pole/flat surface	**WHT**	White Matte Textured
				ASQU	Universal Arm Mount for square pole	**VGT**	Green Landscape Decorative
				AAU	Adjustable Arm for pole mounting	**LEG**	Legacy Colors
				ADU	Decorative upswept Arm	**Color Option**	
				RPA	Round Pole Adapter	**CC**	Custom Color
				MAF	Mast Arm Fitter for 2-3/8" OD horizontal arm		
				K	Knuckle		
				T	Trunnion		
				WB	Wall Bracket (compatible with universal arm mounts)		

Accessory Type		Option	
MSC	Miscellaneous	**BIRD SPK**	Bird Spike

Current Control Solutions — Accessories (Sold Separately)

NX Lighting Controls

☐ **NXOFM2-1R1D-UNV** On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with NX Radio and Bluetooth® Radio, 120–480VAC

LightGRID+ Lighting Control

☐ **WIR-RME-L** On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with LightGRID+ Radio, 110–480VAC

☐ **SCP-REMOTE** Remote Control for SCP/_F option. Order at least one per project to program and control the occupancy sensor

For additional information related to these accessories please visit currentlighting.com/beacon. Options provided for use with integrated sensor, please view specification sheet ordering information table for details.

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DATE: LOCATION:

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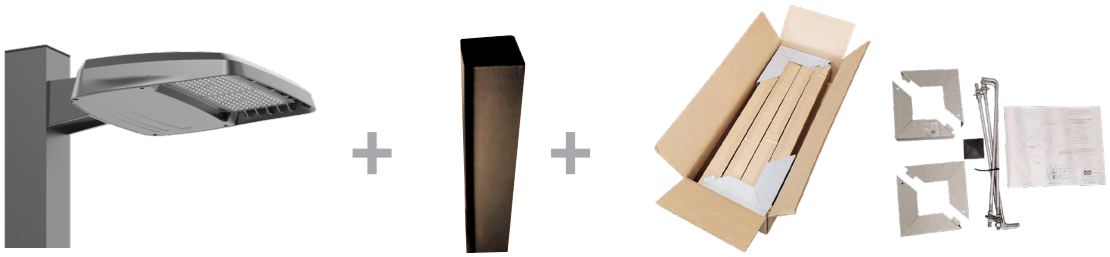
VIPER Area/Site

VIPER LUMINAIRE

VIPER POLE EXPRESS COMBO – ORDERING GUIDE



Catalog Number	Pole	Single or Double Head	Fixture	Lumens*	Wattage	Distribution	CCT/CRI	Mounting	Finish
VP-1-160-4K-3-LS-S20	**20' Square Straight Steel**	Single	**VP-1-160-4K-3-LS**	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S20-2X	**20' Square Straight Steel**	Double	**VP-1-160-4K-3-LS**	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S20	**20' Square Straight Steel**	Single	**VP-1-160-4K-4F-LS**	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S20-2X	**20' Square Straight Steel**	Double	**VP-1-160-4K-4F-LS**	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S25	**25' Square Straight Steel**	Single	**VP-1-160-4K-3-LS**	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S25-2X	**25' Square Straight Steel**	Double	**VP-1-160-4K-3-LS**	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S25	**25' Square Straight Steel**	Single	**VP-1-160-4K-4F-LS**	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S25-2X	**25' Square Straight Steel**	Double	**VP-1-160-4K-4F-LS**	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S20	**20' Square Straight Steel**	Single	**VP-1-160-5K-3-LS**	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S20-2X	**20' Square Straight Steel**	Double	**VP-1-160-5K-3-LS**	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S20	**20' Square Straight Steel**	Single	**VP-1-160-5K-4F-LS**	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S20-2X	**20' Square Straight Steel**	Double	**VP-1-160-5K-4F-LS**	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S25	**25' Square Straight Steel**	Single	**VP-1-160-5K-3-LS**	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S25-2X	**25' Square Straight Steel**	Double	**VP-1-160-5K-3-LS**	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S25	**25' Square Straight Steel**	Single	**VP-1-160-5K-4F-LS**	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S25-2X	**25' Square Straight Steel**	Double	**VP-1-160-5K-4F-LS**	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured

VIPER POLE EXPRESS COMBO – STOCK LUMINAIRE SKUS

Catalog Number	Lumens	LPW	Distribution	Wattage	CCT/CRI	Voltage	Mounting	Finish
VP-1-160-4K-3-LS	19584	123.9	3	158W	4000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-4K-4F-LS	19426	122.9	4F	158W	4000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-5K-3-LS	19499	123.4	3	158W	5000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-5K-4F-LS	19186	121.4	4F	158W	5000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured

VIPER POLE EXPRESS COMBO – ACCESSORIES

Catalog Number	Description
VM14DB	Vibration Dampener, mounts to top of pole for reduced vibration

VM14DB

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VIPER Area/Site

VIPER LUMINAIRE

OUTDOOR LIGHTING CONTROLS OPTIONS

CONTROLS FUNCTIONALITY

LIGHTGRID+ NX LIGHTING CONTROLS MOBILE APP

	Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components	
			Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height		
NX Wireless	NXOFM2-1R1D-UNV	NX 7-Pin Twist-Lock® with NX Networked Wireless Radio, Integral Automatic Dimming Photocell, Integral Single Pole Relay with Dimming, and Bluetooth Programming	✓	✓	✓	Paired with external control	✓	✓	✓	✓	–		NXOFM-1R1D-UV
	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	✓	✓	✓	–	–	✓	✓	✓	–		NXRM2-H
	NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	12ft		NXSMP2-OMNI-O
	NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	16ft		NXSMP2-LMO
	NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	40ft		NXSMP2-HMO
LightGRID+	WIR	LightGRID+ In-Fixture Module	✓	–	✓	–	–	✓	✓	Gateway	–		WIR
	WIR-RME-L	LightGRID+ On Fixture Module	✓	–	✓	–	–	✓	✓	Gateway	–		WIR-RME-L
	WIRSC	LightGRID+ Module and Occupancy Sensor	✓	✓	✓	✓	✓	✓	✓	Gateway	14ft - 40ft		BTMSP
Independent	BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	12ft		BTSMP-OMNI-O
	BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	14ft		BTSMP-LMO
	BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	40ft		BTSMP-HMO

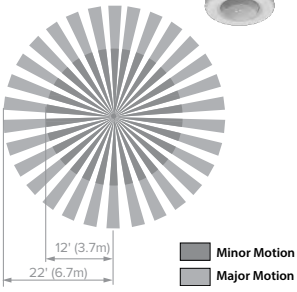
DEFAULT SETTINGS

NX Wireless	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	15 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	0%
Daylight Sensor	Disabled
Bluetooth	Enabled
2.4GHz Wireless Mesh	On
"Passcode Factory Passcode: HubbN3T!"	Enabled

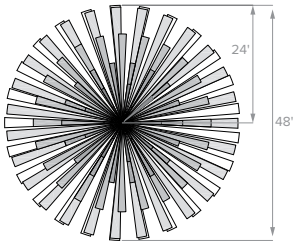
Stand Alone	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	8 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	50%
Daylight Sensor	Disabled

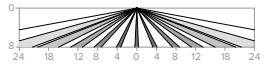
NX WIRELESS COVERAGE PATTERNS

NXSMP2-OMNI



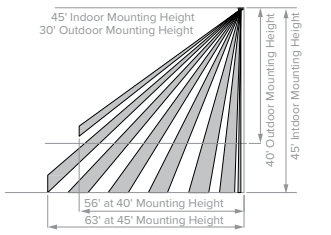
NXSMP2-LMO





Sensor Lens Coverage and Detection Patterns When Mounted at 8ft with Low Mount Lens

NXSMP2-HMO



Sensor Lens Coverage and Detection Patterns When Mounted at 40ft and 45ft with Standard Lens

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VIPER Area/Site

VIPER LUMINAIRE

DATE: | LOCATION:

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NX LIGHTING CONTROLS FREE APP

The NX Lighting Controls App is free to use mobile application for programming both NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enable luminiares and program NX system settings.

Apple App: https://apps.apple.com/us/app/nx-lighting-controls/id962112904

Google Play: https://play.google.com/store/apps/details?id=io.cordova.NXBTR&hl=en_US&gl=US

Apple App

Google Play

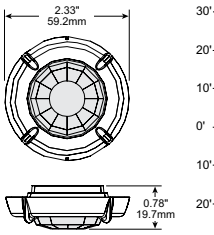
CONTROLS TECH SUPPORT 800-888-8006 (7:00 AM - 7:00 PM)

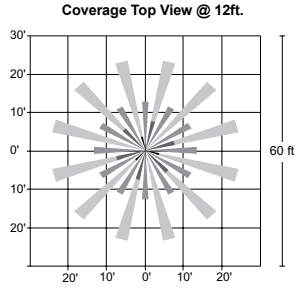
OUTDOOR LIGHTING CONTROLS OPTIONS

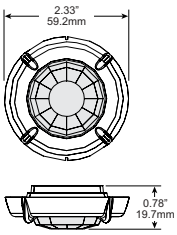
CONTROLS FUNCTIONALITY

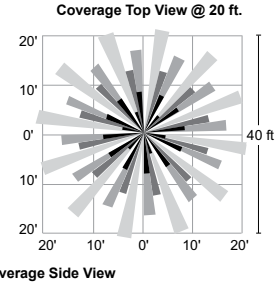
	Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components
			Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height	
Independent	SCP_F	Sensor Control Programmable, 8F or 40F	–	–	–	✓	✓	✓	✓	–	8ft or 40ft	SCP_F
	ADD	AutoDIM Timer Based Dimming	–	–	✓	–	–	–	✓	–	–	ADD
	ADT	AutoDIM Time of Day Dimming	–	–	✓	–	–	–	✓	–	–	ADT
	7PR	7-Pin Receptacle	–	–	Paired with external control	–	Paired with external control	–	Paired with external control	–	–	7PR
	7PR-SC	7-Pin Receptacle with shorting cap	–	–	–	–	–	–	–	–	–	7PR-SC
	3PR	3-Pin twist lock	–	–	–	–	–	–	Paired with external control	–	–	3PR
	3PR-SC	3-Pin Receptacle with shorting cap	–	–	–	–	–	–	–	–	–	3PR-SC
	3PR-TL	3-Pin with photocontrol	–	–	–	–	✓	–	✓	–	–	3PR-TL

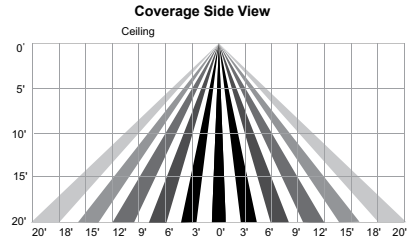
COVERAGE PATTERNS FOR SCP_F



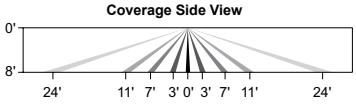


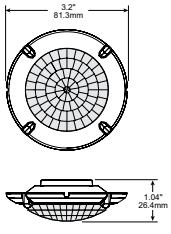


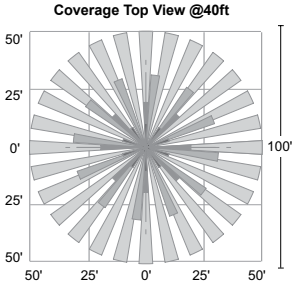


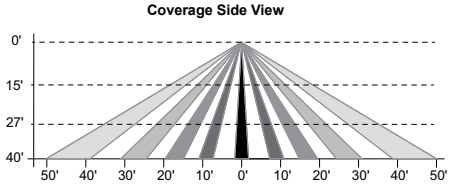


Coverage Side View









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VIPER Area/Site

VIPER LUMINAIRE

PROGRAMMED CONTROLS

ADD-AutoDim Timer Based Options

- Light delay options from 1-9 hours after the light is turned on to dim the light by 10-100%. To return the luminaire to its original light level there are dim return options from 1-9 hours after the light has been dimmed previously.

EX: ADD-6-5-R6

ADD Control Options	Configurations Choices	Example Choice Picked
Auto-Dim Options	1-9 Hours	6 - Delay 6 hours
Auto-Dim Brightness	10-100% Brightness	5 - Dim to 50% brightness
Auto-Dim Return	Delay 0-9 Hours	R6 - Return to full output after 6 hours

ADT-AutoDim Time of Day Based Option

- Light delay options from 1AM-9PM after the light is turned on to dim the light by 10-100%. To return the luminaire to its original light level there are dim return options from 1AM-9PM after the light has been dimmed previously.

EX: ADT-6-5-R6

ADD Control Options	Configurations Choices	Example Choice Picked
Auto-Dim Options	12-3 AM and 6-11 PM	6 - Dim at 6PM
Auto-Dim Brightness	10-100% Brightness	5 - Dim to 50%
Auto-Dim Return	12-6 AM and 9-11P	R6 - Return to full output at 6AM

ORDERING GUIDE

Auto Dim Code	Timer Base (ADD) Auto-Dim Options		Auto Dim Cod	Time of Day (ADT) Auto-Dim Options
D1	Delay 1 hour		T0	Delay Midnight
D2	Delay 2 hours		T1	Delay 1 AM
D3	Delay 3 hours		T2	Delay 2 AM
D4	Delay 4 hours		T3	Delay 3 AM
D5	Delay 5 hours	OR	T4	Delay 10 PM
D6	Delay 6 hours		T5	Delay 11 PM
D7	Delay 7 hours		T6	Delay 6 PM
D8	Delay 8 hours		T7	Delay 7 PM
D9	Delay 9 hours		T8	Delay 8 PM
D0	Delay 0 hours		T9	Delay 9 PM

Code	Auto-Dim Brightness
0	100% Brightness
1	10% Brightness
2	20% Brightness
3	30% Brightness
4	40% Brightness
5	50% Brightness
6	60% Brightness
7	70% Brightness
8	80% Brightness
9	90% Brightness

Code	Auto-Dim Return Options
R1	Delay 1 hour or 1 AM
R2	Delay 2 hours or 2 AM
R3	Delay 3 hours or 3 AM
R4	Delay 4 hours or 4 AM
R5	Delay 5 hours or 5 AM
R6	Delay 6 hours or 6 AM
R7	Delay 7 hours or 7 AM
R8	Delay 8 hours or 8 AM
R9	Delay 9 hours or 9 AM
R0	Delay 0 hours or 12 AM

Code	Auto-Dim Brightness
0	100% Brightness
1	10% Brightness
2	20% Brightness
3	30% Brightness
4	40% Brightness
5	50% Brightness
6	60% Brightness
7	70% Brightness
8	80% Brightness
9	90% Brightness

DELIVERED LUMENS

For delivered lumens, please see Lumens Data PDF on www.Currentlighting.com

PROJECTED LUMEN MAINTENANCE

Ambient Temp.	0	25,000	*TM-21-11 36,000	50,000	100,000	Calculated L_{70} (Hours)
25°C / 77°F	1.00	0.97	0.96	0.95	0.91	408,000
40°C / 104°F	0.99	0.96	0.95	0.94	0.89	356,000

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

Micro Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	–	0.841	–
3000K	0.977	0.861	0.647
3500K	–	0.900	–
4000K	1	0.926	0.699
5000K	1	0.937	0.791
AP-Amber Phosphor Converted Multiplier			
Amber	0.710		

Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	0.9	0.81	0.62
3000K	0.933	0.853	0.659
3500K	0.959	0.894	0.711
4000K	1	0.9	0.732
5000K	1	0.9	0.732
Monochromatic Amber Multiplier			
Amber	See Amber Spec Sheet		

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VIPER Area/Site

VIPER LUMINAIRE

ELECTRICAL DATA: MICRO STRIKE

# OF LEDS	160						
NOMINAL WATTAGE	35	50	75	100	115	135	160
SYSTEM POWER (W)	34.9	50.5	72.1	97.2	111.9	132.2	157.8
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	0.29	0.42	0.63	0.83	0.96	1.13	1.33
208	0.17	0.24	0.36	0.48	0.55	0.65	0.77
240	0.15	0.21	0.31	0.42	0.48	0.56	0.67
277	0.13	0.18	0.27	0.36	0.42	0.49	0.58
347	0.10	0.14	0.22	0.29	0.33	0.39	0.46
480	0.07	0.10	0.16	0.21	0.24	0.28	0.33

# OF LEDS	320						
NOMINAL WATTAGE	145	170	185	210	235	255	315
SYSTEM POWER (W)	150	166.8	185.7	216.2	240.9	261.5	312
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	1.21	1.42	1.54	1.75	1.96	2.13	2.63
208	0.70	0.82	0.89	1.01	1.13	1.23	1.51
240	0.60	0.71	0.77	0.88	0.98	1.06	1.31
277	0.52	0.61	0.67	0.76	0.85	0.92	1.14
347	0.42	0.49	0.53	0.61	0.68	0.73	0.91
480	0.30	0.35	0.39	0.44	0.49	0.53	0.66

# OF LEDS	480					
NOMINAL WATTAGE	285	320	340	390	425	470
SYSTEM POWER (W)	286.2	316.7	338.4	392.2	423.2	468
INPUT VOLTAGE (V)	CURRENT (Amps)					
120	2.38	2.67	2.83	3.25	3.54	3.92
208	1.37	1.54	1.63	1.88	2.04	2.26
240	1.19	1.33	1.42	1.63	1.77	1.96
277	1.03	1.16	1.23	1.41	1.53	1.70
347	0.82	0.92	0.98	1.12	1.22	1.35
480	0.59	0.67	0.71	0.81	0.89	0.98

# OF LEDS	720				
NOMINAL WATTAGE	435	475	515	565	600
SYSTEM POWER (W)	429.3	475	519.1	565.2	599.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	3.63	3.96	4.29	4.71	5.00
208	2.09	2.28	2.48	2.72	2.88
240	1.81	1.98	2.15	2.35	2.50
277	1.57	1.71	1.86	2.04	2.17
347	1.25	1.37	1.48	1.63	1.73
480	0.91	0.99	1.07	1.18	1.25

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

ELECTRICAL DATA: STRIKE

# OF LEDS	36				
NOMINAL WATTAGE	39	55	85	105	120
SYSTEM POWER (W)	39.6	56.8	83.6	108.2	120.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.33	0.46	0.71	0.88	0.96
208	0.19	0.26	0.41	0.50	0.55
240	0.16	0.23	0.35	0.44	0.48
277	0.14	0.20	0.31	0.38	0.42
347	0.11	0.16	0.24	0.30	0.33
480	0.08	0.11	0.18	0.22	0.24

# OF LEDS	72				
NOMINAL WATTAGE	115	145	180	210	240
SYSTEM POWER (W)	113.7	143.2	179.4	210.2	241.7
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	1.00	1.21	1.50	1.75	1.79
208	0.58	0.70	0.87	1.01	1.03
240	0.50	0.60	0.75	0.88	0.90
277	0.43	0.52	0.65	0.76	0.78
347	0.35	0.42	0.52	0.61	0.62
480	0.25	0.30	0.38	0.44	0.45

# OF LEDS	108				
NOMINAL WATTAGE	215	250	280	325	365
SYSTEM POWER (W)	214.8	250.8	278.3	324.7	362.6
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	2.00	2.08	2.33	3.04	2.67
208	1.15	1.20	1.35	1.75	1.54
240	1.00	1.04	1.17	1.52	1.33
277	0.87	0.90	1.01	1.32	1.16
347	0.69	0.72	0.81	1.05	0.92
480	0.50	0.52	0.58	0.76	0.67

# OF LEDS		162				
NOMINAL WATTAGE	320	365	405	445	485	545
SYSTEM POWER (W)	322.1	362.6	403.6	445.1	487.1	543.9
INPUT VOLTAGE (V)		CURRENT (Amps)				
120	2.71	2.67	3.38	3.71	4.04	4.54
208	1.56	1.54	1.95	2.14	2.33	2.62
240	1.35	1.33	1.69	1.85	2.02	2.27
277	1.17	1.16	1.46	1.61	1.75	1.97
347	0.94	0.92	1.17	1.28	1.40	1.57
480	0.68	0.67	0.84	0.93	1.01	1.14

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DATE: LOCATION:

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CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

ELECTRICAL DATA: SILICONE STRIKE

# OF LEDS	40								
NOMINAL WATTAGE (W)	35	55	65	80	100	120	140	170	195
SYSTEM POWER (W)	34.4	47.4	63.3	82.2	101.7	121.6	141.4	168.8	193.0
INPUT VOLTAGE (V)	CURRENT (A)								
120	0.29	0.40	0.53	0.69	0.85	1.01	1.18	1.41	1.61
208	0.17	0.23	0.30	0.40	0.49	0.58	0.68	0.81	0.93
240	0.14	0.20	0.26	0.34	0.42	0.51	0.59	0.70	0.80
277	0.12	0.17	0.23	0.30	0.37	0.44	0.51	0.61	0.70
347	0.10	0.14	0.18	0.24	0.29	0.35	0.41	0.49	0.56
480	0.07	0.10	0.13	0.17	0.21	0.25	0.29	0.35	0.40

# OF LEDS	80									
NOMINAL WATTAGE (W)	75	90	105	130	155	175	205	225	250	280
SYSTEM POWER (W)	74.0	87.0	105.3	131.9	153.5	175.4	203.4	226.1	249.0	281.0
INPUT VOLTAGE (V)	CURRENT (A)									
120	0.62	0.73	0.88	1.10	1.28	1.46	1.70	1.88	2.08	2.34
208	0.36	0.42	0.51	0.63	0.74	0.84	0.98	1.09	1.20	1.35
240	0.31	0.36	0.44	0.55	0.64	0.73	0.85	0.94	1.04	1.17
277	0.27	0.31	0.38	0.48	0.55	0.63	0.73	0.82	0.90	1.01
347	0.36	0.42	0.51	0.63	0.74	0.84	0.98	1.09	1.20	1.35
480	0.15	0.18	0.22	0.27	0.32	0.37	0.42	0.47	0.52	0.59

# OF LEDS	120								
NOMINAL WATTAGE (W)	190	205	230	265	295	320	355	380	420
SYSTEM POWER (W)	189.8	206.0	230.3	263.2	296.5	322.0	356.3	382.3	421.6
INPUT VOLTAGE (V)	CURRENT (A)								
120	1.58	1.72	1.92	2.19	2.47	2.68	2.97	3.19	3.51
208	0.91	0.99	1.11	1.27	1.43	1.55	1.71	1.84	2.03
240	0.79	0.86	0.96	1.10	1.24	1.34	1.48	1.59	1.76
277	0.69	0.74	0.83	0.95	1.07	1.16	1.29	1.38	1.52
347	0.55	0.59	0.66	0.76	0.85	0.93	1.03	1.10	1.21
480	0.40	0.43	0.48	0.55	0.62	0.67	0.74	0.80	0.88

# OF LEDS	180								
NOMINAL WATTAGE (W)	275	295	335	360	395	435	470	510	550
SYSTEM POWER (W)	272.7	296.8	333.2	357.8	394.7	432.4	470.2	508.7	547.4
INPUT VOLTAGE (V)	CURRENT (A)								
120	2.27	2.47	2.78	2.98	3.29	3.60	3.92	4.24	4.56
208	1.31	1.43	1.60	1.72	1.90	2.08	2.26	2.45	2.63
240	1.14	1.24	1.39	1.49	1.64	1.80	1.96	2.12	2.28
277	0.98	1.07	1.20	1.29	1.42	1.56	1.70	1.84	1.98
347	0.79	0.86	0.96	1.03	1.14	1.25	1.36	1.47	1.58
480	0.57	0.62	0.69	0.75	0.82	0.90	0.98	1.06	1.14

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VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

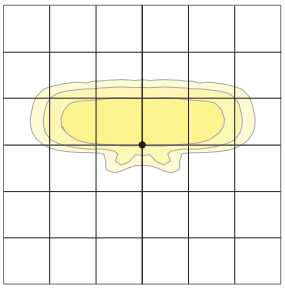
TYPE: PROJECT:

CATALOG #:

MICRO STRIKE PHOTOMETRY

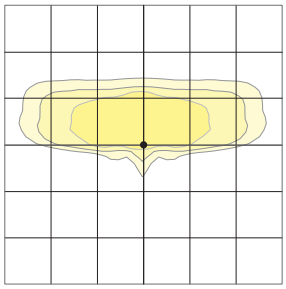
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

Type 2



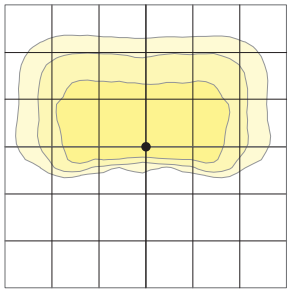
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 3



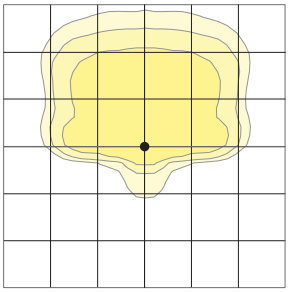
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4 Wide



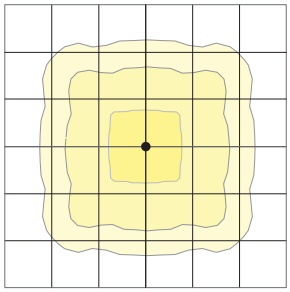
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4F



Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QW



Mounting Height: 20 ft
Scale: 1 inch = 20 ft

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VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

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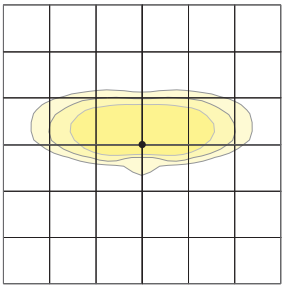
CATALOG #:

OPTIC STRIKE PHOTOMETRY

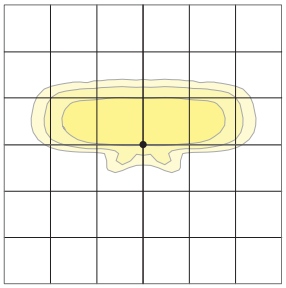
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

Type FR – Front Row/Auto Optic



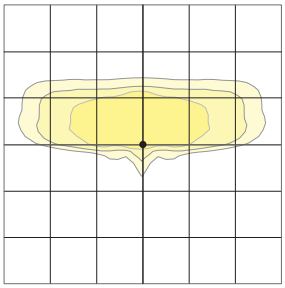
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 2



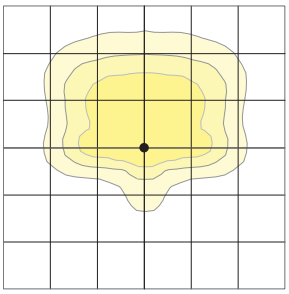
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 3



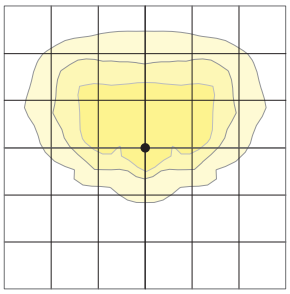
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4 Forward



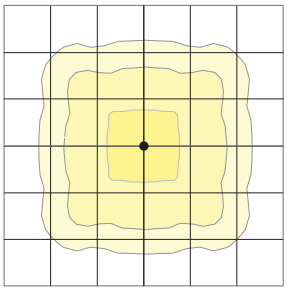
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4 Wide



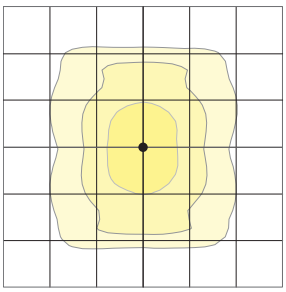
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QM



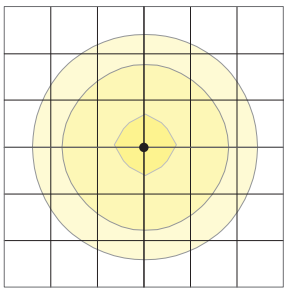
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5RW (rectangular)



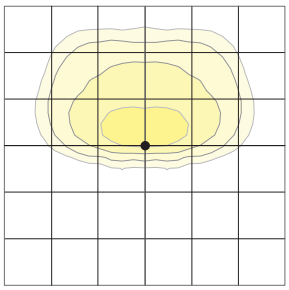
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5W (round wide)



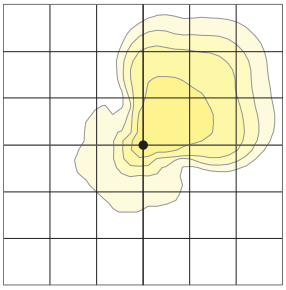
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type TC



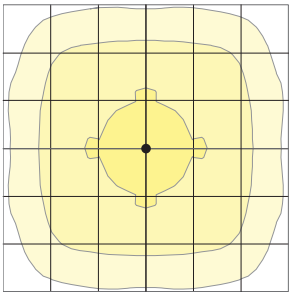
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type Corner



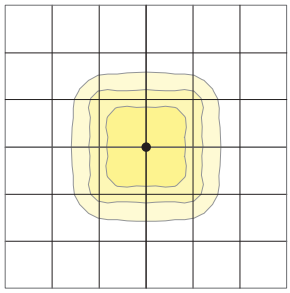
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QW



Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QN



Mounting Height: 20 ft
Scale: 1 inch = 20 ft

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VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

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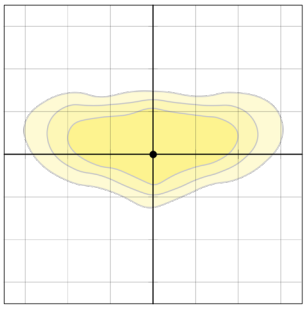
CATALOG #:

SILICONE OPTIC STRIKE PHOTOMETRY

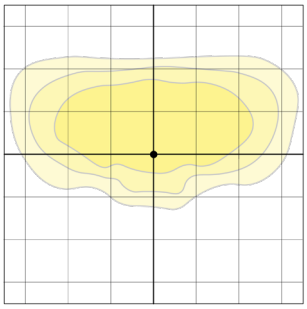
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

Type 2



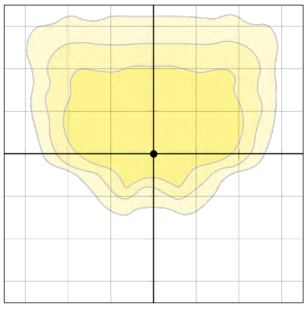
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 3



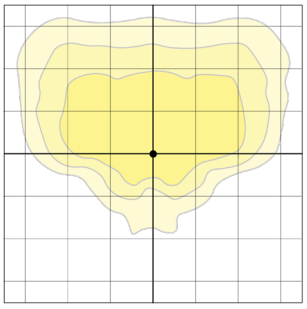
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4 Forward



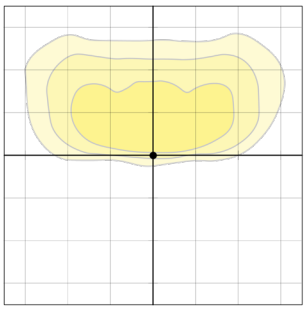
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4 Wide



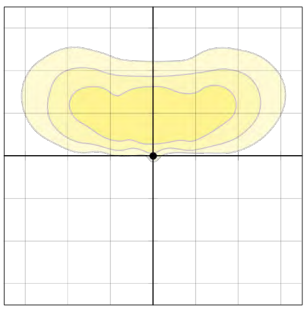
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4WBC



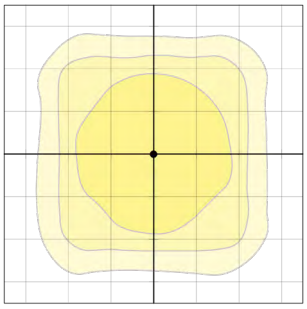
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4WMBC



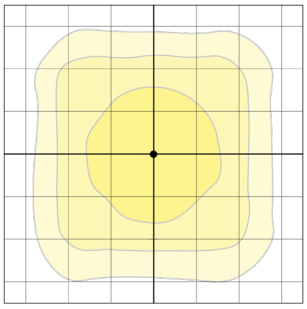
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 5QM



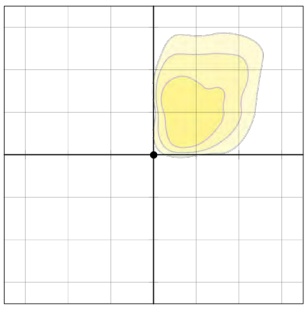
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 5QW



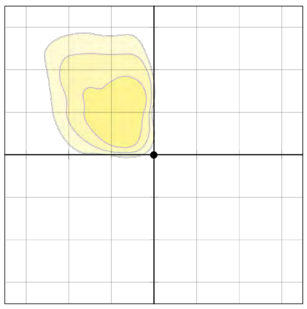
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type LCC



Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type RCC



Mounting Height: 20 ft
Scale: 1 inch = 25 ft

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DATE: LOCATION:

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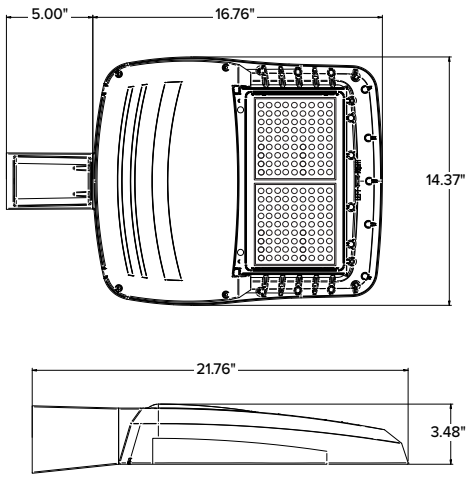
VIPER Area/Site

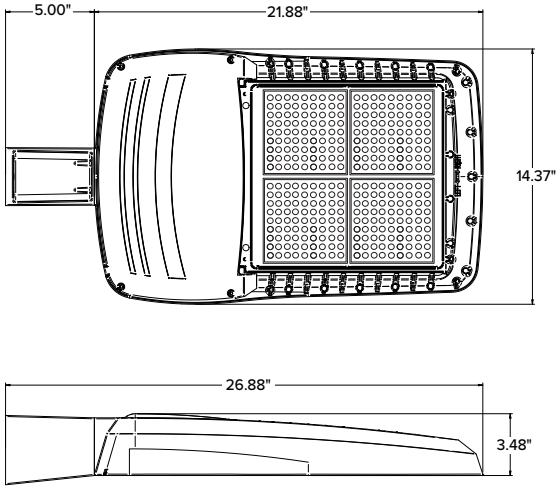
VIPER LUMINAIRE

DIMENSIONS

SIZE 1



SIZE 2



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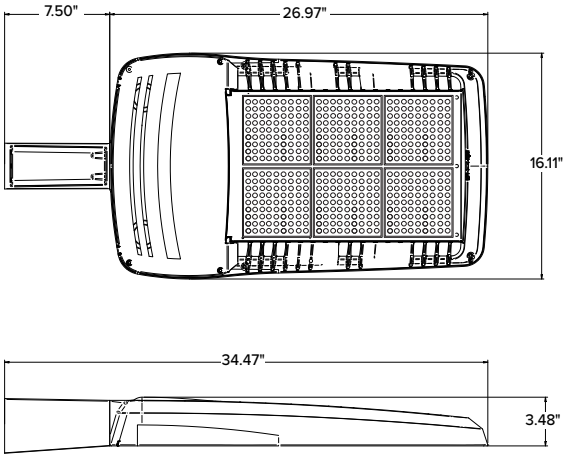
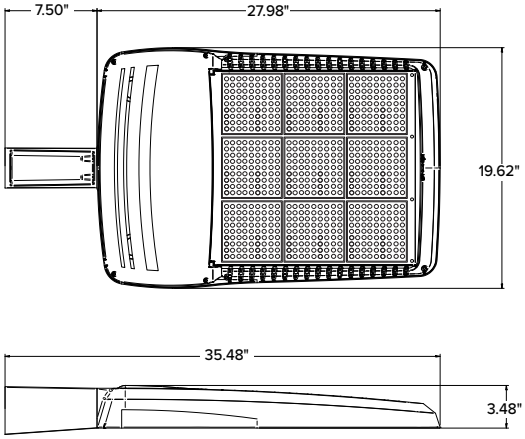


SIZE 4



	EPA				
	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	Config.
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	
Four at 90	1.166	1.422	1.714	1.896	

	Weight	
	lbs	kgs
VP1 (Size 1)	13.7	6.2
VP2 (Size 2)	16.0	7.26
VP3 (Size 3)	25.9	11.7
VP4 (Size 4)	30.8	13.9

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

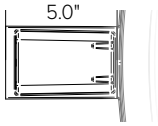
VIPER Area/Site

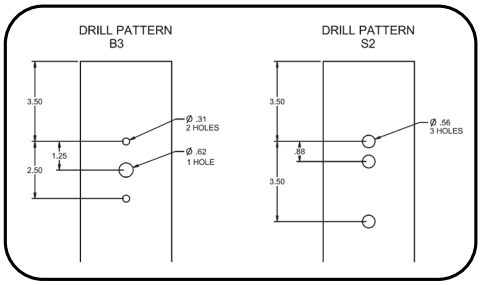
VIPER LUMINAIRE

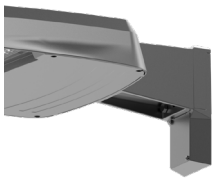
MOUNTING

A–STRAIGHT ARM MOUNT

Fixture ships with integral arm for ease of installation. Compatible with Current Outdoor B3 drill pattern for ease of installation on square poles. For round poles add applicable suffix (2/3/4/5)

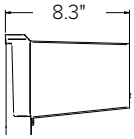


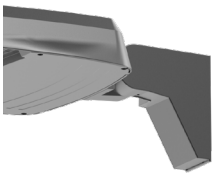




ASQU–UNIVERSAL ARM MOUNT

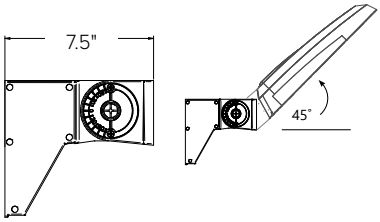
Universal mounting block for ease of installation. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5)

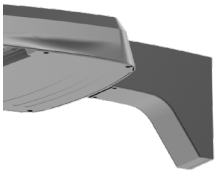




AAU–ADJUSTABLE ARM FOR POLE MOUNTING

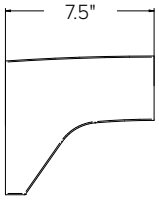
Rotatable arm mounts directly to pole. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2 and B3. For round poles add applicable suffix (2/3/4/5). Rotatable in 5˚ aiming angle increments. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.

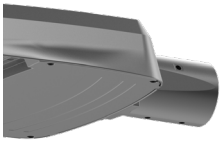




ADU–DECORATIVE UPSWEPT ARM

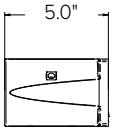
Upswept Arm compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5).

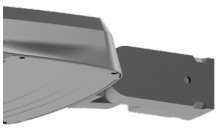




MAF–MAST ARM FITTER

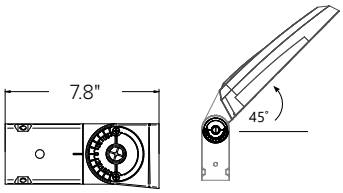
Fits 2-3/8" OD horizontal tenons.

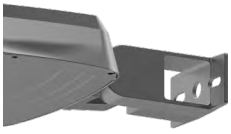




K–KNUCKLE

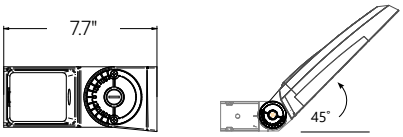
Rotatable in 5-degree aiming angle increments, fits 2-3/8" tenons or pipes. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.





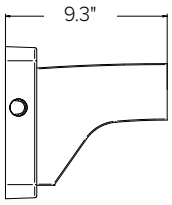
T–TRUNNION

Trunnion for surface and crossarm mounting using (1) 3/4" or (2) 1/2" size through bolts. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



WM–WALL MOUNT

Compatible with universal arm mount, adjustable arm mount, and decorative arm mount. The WA option uses the same wall bracket but replaces the decorative arm with an adjustable arm.



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DATE: LOCATION:

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VIPER Area/Site

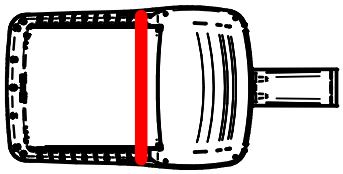
VIPER LUMINAIRE

ADDITIONAL INFORMATION (CONTINUED)

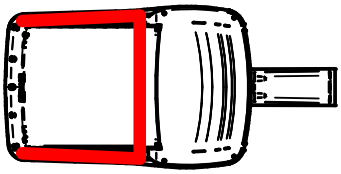
HOUSE SIDE SHIELD FIELD INSTALL ACCESSORIES

HSS has a depth of 5" for all Viper sizes
Not to be used with Occupancy Sensors as the shield may block the light to the sensor.

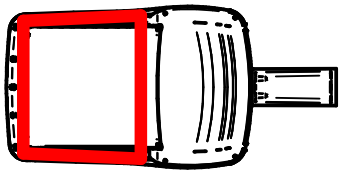
VPR2x HSS-90-B-xx



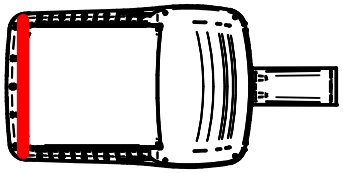
VPR2x HSS-270-BSS-xx



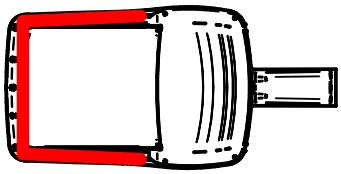
VPR2x HSS-360-xx



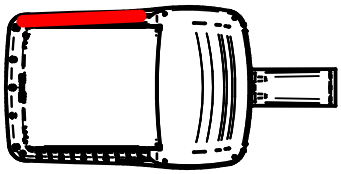
VPR2x HSS-90-F-xx



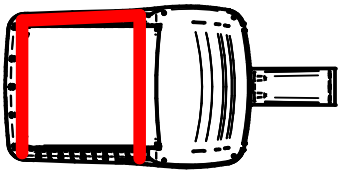
VPR2x HSS-270-FSS-xx



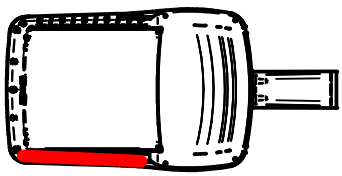
VPR2x HSS-90-S-xx



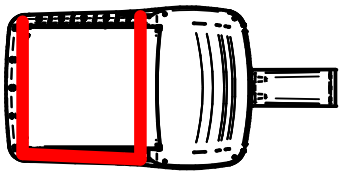
VPR2x HSS-270-FSB-xx



VPR2x HSS-90-S-xx



VPR2x HSS-270-FSB-xx



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BEACON
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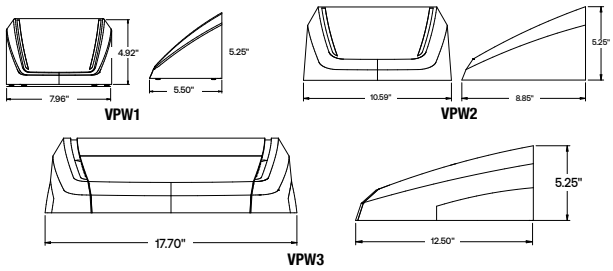
VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

MICRO STRIKE | OPTICS STRIKE



	Weight
VPW1	4.1 lbs / 1.86 kg
VPW2	7.15 lbs / 3.24 kg
VPW3	17.1 lbs / 7.80 kg

FEATURES

- Low profile LED wall luminaire with a variety of IES distributions for lighting applications such as retail, commercial and industrial building mount
- Featuring Strike and Micro Strike Optics which maximizes target zone illumination with minimal losses at the house-side, reducing light trespass issues
- Visual Comfort - Option for Size 2 and Size 3
- Control options including photo control, occupancy sensing, NX Distributed Intelligence™, and LightGRID+.
- Battery Backup options available for emergency code compliance
- Quick-mount adapter allows easy installation/maintenance
- 347V and 480V versions for industrial applications and Canada

C US BAA TAA DARKSKY APPROVED

CONTROL TECHNOLOGY

NX CONNECT NX WIRED NX WIRELESS LIGHTGRID+

SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins that are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with powder coat paint finish
- Powder paint finish provides durability in outdoor environments. Tested to meet 1000 hour salt spray rating

OPTICS

- Entire optical aperture illuminates to create a larger luminous surface area resulting in a low glare appearance without sacrificing optical performance
- 2700K, 3000K, 3500K, 4000K and 5000K CCTs
- Zero uplight distributions
- LED optics provide IES type II, III and IV distributions.

INSTALLATION

- Quick-mount adapter provides easy installation to wall or to recessed junction boxes (4" square junction box)
- Designed for direct j-box mount.

ELECTRICAL

- 120V-277V universal voltage 50/60Hz 0-10V dimming drivers
- 347V input is available in most wattage, 480V is available for 55W and above.
- Ambient operating temperature -40˚C to 40˚C
- Driver RoHS and IP66
- 10kV Surge Protector optional
- Drivers have greater than .90 power factor and less than 20% Total Harmonic Distortion
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options can not be included in one same fixture.
- Dimming drivers are standard. Select CD (Customer Dimming) for the dimming wires to be extended outside the fixture.

CONTROLS

- Photo control, occupancy sensor and wireless available for complete on/off and dimming control
- Button photocontrol is suitable for 120-277V operation
- NX Distributed Intelligence™ available with in fixture wireless control module, features dimming and occupancy sensor

CONTROLS CONTINUED

- Integral Battery Backup provides emergency lighting for the required 90 minute path of egress
- Battery Backup suitable for operating temperatures -20˚C to 40˚C.
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application.
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor.

CERTIFICATIONS

- Certified to UL 1598 and CSA 22.2#250.0-24
- IP65 rated housing
- Emergency battery backup options are California Energy Commission (CEC) Title 20 Compliant
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225- 11). See Buy America(n) Solutions (link to https://http://www.currentlighting.com/resources/americasolutions).
- DarkSky approved with 3000K CCT or warmer

WARRANTY

- 5 year limited warranty

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ORDERING GUIDE

Example: VPW1–24L-10–3K7–2–UNV–BLS

CATALOG #

Series		Optic Platform		# LEDs - Wattage		CCT/CRI		Distribution		Voltage		Color	
VPW1	Viper Wall 1	**(blank)**	Microstrike	**24L-10**	1,000 Lumens	**27K8**	2700K, 80 CRI[16]	**FR**	Auto Front Row[7,15]	**UNV**	120-277V	**BLT**	Black Matte Textured
		ST	Strike	**24L-15**	2,000 Lumens	**3K7**	3000K, 70 CRI[16]	**2**	IES TYPE 2	**120**	120V	**BLS**	Black Gloss Smooth
				24L-25	3,000 Lumens	**4K7**	4000K, 70 CRI	**3**	IES TYPE 3	**208**	208V	**DBT**	Dark Bronze Matte Textured
VPW2	Viper Wall 2			**48L-15**	2,000 Lumens	**5K7**	5000K, 70 CRI	**4F**	IES TYPE 4 Forward	**240**	240V	**DBS**	Dark Bronze Gloss Smooth
				48L-20	3,000 Lumens	**3K8**	3000K, 80 CRI	**4W**	IES TYPE 4W	**277**	277V	**GTT**	Graphite Matte Textured
				48L-30	4,000 Lumens	**35K8**	3500K, 80 CRI			**347**	347V	**LGS**	Light Grey Gloss Smooth
				48L-35	5,000 Lumens	**4K8**	4000K, 80 CRI			**480**	480V	**LGT**	Light Grey Matte Textured
				48L-45	6,000 Lumens	**5K8**	5000K, 80 CRI					**PSS**	Platinum Silver Smooth
				80L-20	3,000 Lumens	**AP**	Phosphor Converted Amber[1]					**WHT**	White Matte Textured
				80L-25	4,000 Lumens							**WHS**	White Gloss Smooth
				80L-35	5,000 Lumens							**VGT**	Verde Green Textured
				80L-45	6,000 Lumens							**Color Option**	
				80L-55	7,000 Lumens							**CC**	Custom Color
				80L-65	8,000 Lumens								
				80L-70	8,500 Lumens								
				18L-25	3,000 Lumens, Strike Optics								
				18L-30	4,000 Lumens, Strike Optics								
				18L-39	4,750 Lumens, Strike Optics								
				18L-50	6,000 Lumens, Strike Optics								
				18L-60	6,500 Lumens, Strike Optics								
VPW3	Viper Wall 3			**160L-45**	7,000 Lumens								
				160L-70	10,000 Lumens								
				160L-95	12,500 Lumens								
				160L-105	15,000 Lumens								
				160L-135	17,500 Lumens								
				160L-155	20,000 Lumens								
				36L-55	7,000 Lumens, Strike Optics								
				36L-80	9,500 Lumens, Strike Optics								
				36L-100	11,500 Lumens, Strike Optics								
				36L-120	13,000 Lumens, Strike Optics								

Control Options Network[3,7,11,13]	
NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming[14]
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming[9]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming[9]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor
WIR	LightGRID+ In-Fixture Module[9]
WIRSC	LightGRID+ In-Fixture Moduel with BTS occupancy[9]
Stand Alone Sensors[7,11,13]	
BTS-14F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor[4,9]
BTS-40F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor[4,9]
BTSO-12F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor, up to 12' mounting height[14]
Photocontrol[13]	
PC	Button Photocontrol 120-277V

Options	
F	Fusing[5,7]
E	Battery[6,7,8]
EH	Battery with Heater[6,7,8]
CS	Comfort Shield[7,10]
SP	10kA Surge Protector
2PF	Dual Power Feed[2,7,8,17]
2DR	Dual Driver[2,7,8,17]
CD	Customer Dimming[12]
DTS	Dimming Transfer Switch[7]

Notes:

1 Available with Micro Strike Optics only
2 Not available with 480V in Size 1 and Size 2
3 Networked controls cannot be combined with other control options
4 Not available with VPW1 or with 2PF or 2DR options
5 Must specify voltage (VPW1 & VPW2: 120V, 277V or 347V; VPW3: 120V, 208V, 240V, 277V, 347V or 480V)
6 See page 10 for detail Battery configurations
7 Not available in VPW1
8 2PF can't be combined with E or EH; 2DR can't be combined with E or EH in VPW2
9 Not avialable in VPW1 and VPW2
10 Not available with Micro Strike 24L and 48L. Not available with Strike 18L and 36L
11 Not available with 2PF
12 Not available with Network Control options or Stand Alone Sensors. Can be ordered with PC
13 Not available in 480V in VPW2; Only available in 480V in VPW3 in 80W, 100W, 120W, 135W and 155W
14 NXWS12F and BTSO-12F are the only sensors available in VPW2
15 Available with Strike Optics only (18L or 36L)
16 DarkSky approved with 3000K CCT or warmer
17 Not available in Size 2 80L

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ACCESSORIES AND REPLACEMENT PARTS - MADE TO ORDER

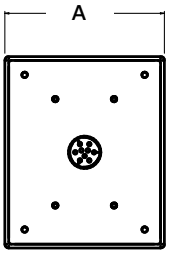
	Catalog Number	Description
☐	**WP-BB-XXX**	Back Box Accessory for conduit entry[1]
☐	**CS**	Comfort Shield[2]

Notes:

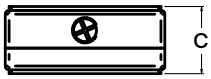
1 replace "xxx" with color option

2 Not available with Micro Strike 24L and 48L or Strike 18L and 36L

DIMENSIONS



Back Box Accessory



A	B	C
4.9" 124mm	5.9" 150mm	2.1" 53mm

CONTROLS FUNCTIONALITY

OUTDOOR LIGHTING CONTROLS OPTIONS

LIGHTGRID+

	Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components	
			Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height		
NX Wireless	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	✓	✓	✓	–	–	✓	✓	✓	–		NXRM2-H
NX Wireless	NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	16ft		NXSMP2-LMO
NX Wireless	NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	40ft		NXSMP2-HMO
LightGRID+	WIR	LightGRID+ In-Fixture Module	✓	–	✓	–	–	✓	✓	Gateway	–		WIR
Independent	BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	12ft		BTSMP-OMNI-O
Independent	BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	14ft		BTSMP-LMO
Independent	BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	40ft		BTSMP-HMO

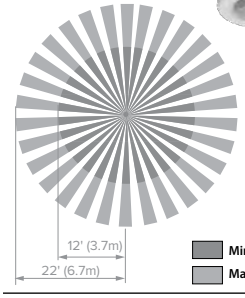
DEFAULT SETTINGS

NX Wireless	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	15 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	0%
Daylight Sensor	Disabled
Bluetooth	Enabled
2.4GHz Wireless Mesh	Off
"Passcode Factory Passcode: HubbN3T!"	Enabled

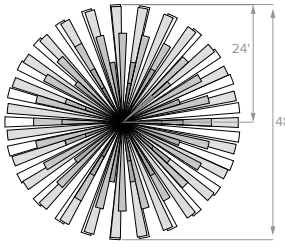
Stand Alone	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	8 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	0% (Off)
Daylight Sensor	Disabled

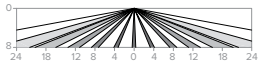
NX WIRELESS COVERAGE PATTERNS

NXSMP2-OMNI



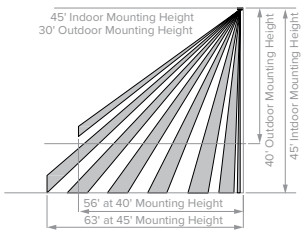
NXSMP2-LMO





Sensor Lens Coverage and Detection Patterns
When Mounted at 8ft with Low Mount Lens

NXSMP2-HMO



Sensor Lens Coverage and Detection Patterns
When Mounted at 40ft and 45ft with Standard Lens

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VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

NX LIGHTING CONTROLS FREE APP

The NX Lighting Controls App is free to use mobile application for programming both NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enable luminiares and program NX system settings.

Apple App: https://apps.apple.com/us/app/nx-lighting-controls/id962112904

Google Play: https://play.google.com/store/apps/details?id=io.cordova.NXBTR&hl=en_US&gl=US

NX LIGHTING CONTROLS

Apple App

Google Play

CONTROLS TECH SUPPORT 800-888-8006 (7:00 AM - 7:00 PM)

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98
50°C	122°F	0.97

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

PROJECTED LUMEN MAINTENANCE

	OPERATING HOURS		
Ambient Temp.	0	25,000	TM-21-22 60,000
25°C / 77°F	1.00	0.91	0.83
40°C / 104°F	0.99	0.90	0.82

Lumen maintenance values calculated per TM-21 using six times the LM-80 test time for the LED and in-situ thermal testing of the luminaire.

MULTIPLIER

Micro Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	–	0.841	–
3000K	0.977	0.861	0.647
3500K	–	0.900	–
4000K	1	0.926	0.699
5000K	1	0.937	0.791
Monochromatic Amber Multiplier			
Amber	0.710		

Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	0.9	0.81	0.62
3000K	0.933	0.853	0.659
3500K	0.959	0.894	0.711
4000K	1	0.9	0.732
5000K	1	0.9	0.732
Monochromatic Amber Multiplier			
Amber	See Amber Spec Sheet		

PERFORMANCE DATA: MICROSTRIKE

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW1	24L	10	6.6	2	1068	141	0	0	0	1068	141	0	0	0	989	131	0	0	0
				3	1076	142	0	0	1	1076	142	0	0	1	997	131	0	0	1
				4F	1052	139	0	0	1	1052	139	0	0	1	974	129	0	0	1
				4W	1041	137	0	0	1	1041	137	0	0	1	964	127	0	0	1
		15	14	2	1993	129	1	0	0	1993	129	1	0	0	1845	119	1	0	0
				3	2008	130	1	0	1	2008	130	1	0	1	1859	120	0	0	1
				4F	1964	127	0	0	1	1964	127	0	0	1	1818	117	0	0	1
				4W	1943	125	1	0	1	1943	125	1	0	1	1799	116	0	0	1
		25	23.0	2	3055	125	1	0	1	3055	125	1	0	1	2828	116	1	0	1
				3	3078	126	1	0	1	3078	126	1	0	1	2850	117	1	0	1
				4F	3010	123	1	0	1	3010	123	1	0	1	2787	114	1	0	1
				4W	2978	122	1	0	1	2978	122	1	0	1	2757	113	1	0	1

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

PERFORMANCE DATA: MICROSTRIKE CONT'D

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW2	48L	15	13.1	2	2139	145	1	0	1	2139	145	1	0	1	1981	134	1	0	1
				3	2163	146	1	0	1	2163	146	1	0	1	2003	135	1	0	1
				4F	2097	143	0	0	1	2097	143	0	0	1	1942	132	0	0	1
				4W	2101	143	1	0	1	2101	143	1	0	1	1946	132	0	0	1
		20	20.5	2	2973	141	1	0	1	2973	141	1	0	1	2753	130	1	0	1
				3	3007	142	1	0	1	3007	142	1	0	1	2784	132	1	0	1
				4F	2915	138	1	0	1	2915	138	1	0	1	2699	128	1	0	1
				4W	2921	138	1	0	1	2921	138	1	0	1	2705	128	1	0	1
		30	28.8	2	4000	137	1	0	1	4000	137	1	0	1	3704	126	1	0	1
				3	4045	138	1	0	1	4045	138	1	0	1	3745	128	1	0	1
				4F	3922	134	1	0	1	3922	134	1	0	1	3631	124	1	0	1
				4W	3930	134	1	0	2	3930	134	1	0	2	3638	124	1	0	1
		35	37.3	2	4997	134	1	0	1	4997	134	1	0	1	4627	124	1	0	1
				3	5053	135	1	0	2	5053	135	1	0	2	4679	125	1	0	1
				4F	4899	131	1	0	1	4899	131	1	0	1	4536	122	1	0	1
				4W	4909	132	1	0	2	4909	132	1	0	2	4545	122	1	0	2
		45	45.9	2	5990	127	1	0	1	5990	127	1	0	1	5546	118	1	0	1
				3	6057	128	1	0	2	6057	128	1	0	2	5608	119	1	0	2
				4F	5872	124	1	0	2	5872	124	1	0	2	5437	115	1	0	1
				4W	5884	125	1	0	2	5884	125	1	0	2	5448	115	1	0	2
	80L	20	19.4	2	3485	161	1	0	1	3485	161	1	0	1	3200	147	1	0	1
				3	3516	162	1	0	1	3516	162	1	0	1	3229	149	1	0	1
				4F	3485	161	1	0	1	3485	161	1	0	1	3200	147	1	0	1
				4W	3535	163	1	0	1	3535	163	1	0	1	3246	150	1	0	1
		25	26.7	2	4443	154	1	0	1	4443	154	1	0	1	4080	141	1	0	1
				3	4483	155	1	0	1	4483	155	1	0	1	4117	142	1	0	1
				4F	4443	154	1	0	1	4443	154	1	0	1	4080	141	1	0	1
				4W	4507	156	1	0	1	4507	156	1	0	1	4139	143	1	0	1
		35	34.2	2	5438	147	1	0	1	5438	147	1	0	1	4994	135	1	0	1
				3	5488	148	1	0	1	5488	148	1	0	1	5039	136	1	0	1
				4F	5438	147	1	0	1	5438	147	1	0	1	4994	135	1	0	1
				4W	5516	149	1	0	2	5516	149	1	0	2	5066	137	1	0	1
		45	41.7	2	6369	145	1	0	1	6369	145	1	0	1	5848	133	1	0	1
				3	6427	146	2	0	2	6427	146	2	0	2	5901	134	1	0	1
				4F	6369	145	1	0	1	6369	145	1	0	1	5848	133	1	0	1
				4W	6460	147	1	0	2	6460	147	1	0	2	5933	135	1	0	2
		55	50.6	2	7209	137	2	0	2	7209	137	2	0	2	6620	126	1	0	1
				3	7275	139	2	0	2	7275	139	2	0	2	6680	127	2	0	2
				4F	7209	137	1	0	1	7209	137	1	0	1	6620	126	1	0	1
				4W	7313	139	1	0	2	7313	139	1	0	2	6715	128	1	0	2
		65	58.3	2	7781	130	2	0	2	7781	130	2	0	2	7145	119	2	0	2
				3	7852	131	2	0	2	7852	131	2	0	2	7210	120	2	0	2
				4F	7781	130	2	0	1	7781	130	2	0	1	7145	119	1	0	1
				4W	7893	132	1	0	2	7893	132	1	0	2	7248	121	1	0	2
		70	63.5	2	8367	128	2	0	2	8367	128	2	0	2	7683	117	2	0	2
				3	8443	129	2	0	2	8443	129	2	0	2	7753	119	2	0	2
				4F	8367	128	2	0	1	8367	128	2	0	1	7683	117	2	0	1
				4W	8487	130	1	0	2	8487	130	1	0	2	7794	119	1	0	2

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

PERFORMANCE DATA: MICROSTRIKE CONT'D

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW3	160L	45	46.2	2	7623	148	1	0	2	7623	148	1	0	2	7000	136	1	0	1
				3	7626	148	2	0	2	7626	148	2	0	2	7003	136	2	0	2
				4F	7590	147	2	0	1	7590	147	2	0	1	6970	135	1	0	1
				4W	7715	150	1	0	2	7715	150	1	0	2	7084	138	1	0	2
		70	68.3	2	10322	139	2	0	2	10322	139	2	0	2	9478	128	2	0	2
				3	10326	140	2	0	2	10326	140	2	0	2	9482	128	2	0	2
				4F	10277	139	2	0	2	10277	139	2	0	2	9437	128	2	0	2
				4W	10446	141	2	0	2	10446	141	2	0	2	9592	130	1	0	2
		95	91	2	12929	132	2	0	2	12929	132	2	0	2	11872	121	2	0	2
				3	12934	132	3	0	3	12934	132	3	0	3	11877	121	3	0	3
				4F	12873	131	2	0	2	12873	131	2	0	2	11821	120	2	0	2
				4W	13084	133	2	0	3	13084	133	2	0	3	12015	122	2	0	3
		105	106.3	2	15055	138	2	0	2	15055	138	2	0	2	13825	127	2	0	2
				3	15062	138	3	0	3	15062	138	3	0	3	13831	127	3	0	3
				4F	14991	138	2	0	2	14991	138	2	0	2	13766	127	2	0	2
				4W	15236	140	2	0	3	15236	140	2	0	3	13991	129	2	0	3
		135	134.8	2	17533	127	3	0	3	17533	127	3	0	3	16100	116	3	0	3
				3	17541	127	3	0	3	17541	127	3	0	3	16107	116	3	0	3
				4F	17457	126	2	0	2	17457	126	2	0	2	16031	116	2	0	2
				4W	17744	128	2	0	4	17744	128	2	0	4	16294	118	2	0	3
		155	158.3	2	20066	123	3	0	3	20066	123	3	0	3	18426	113	3	0	3
				3	20075	123	3	0	3	20075	123	3	0	3	18434	113	3	0	3
				4F	19980	123	3	0	3	19980	123	3	0	3	18347	113	2	0	2
				4W	20307	125	2	0	4	20307	125	2	0	4	18648	115	2	0	4

PERFORMANCE DATA: STRIKE

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW2	18L	25	22.6	2	3314	147	1	0	1	3298	146	1	0	G1	3171	140	1	0	1
				3	3356	148	1	0	1	3340	148	1	0	G1	3212	142	1	0	1
				4F	3367	149	0	0	1	3351	148	0	0	G1	3222	143	0	0	1
				4W	3361	149	1	0	2	3345	148	1	0	G2	3216	142	1	0	2
		30	31.3	2	4124	132	1	0	1	4104	131	1	0	G1	3946	126	1	0	1
				3	4176	133	1	0	2	4156	133	1	0	G2	3996	128	1	0	1
				4F	4189	134	1	0	1	4169	133	1	0	G1	4009	128	1	0	1
				4W	4182	134	1	0	2	4162	133	1	0	G2	4002	128	1	0	2
		39	38.8	2	4894	126	1	0	1	4870	126	1	0	G1	4683	121	1	0	1
				3	4956	128	1	0	2	4932	127	1	0	G2	4742	122	1	0	2
				4F	4972	128	1	0	2	4948	128	1	0	G2	4758	123	1	0	2
				4W	4963	128	1	0	2	4939	127	1	0	G2	4749	122	1	0	2
		50	52.6	2	6325	120	1	0	1	6295	120	1	0	G1	6052	115	1	0	1
				3	6405	122	1	0	2	6374	121	1	0	G2	6129	117	1	0	2
				4F	6426	122	1	0	2	6395	122	1	0	G2	6149	117	1	0	2
				4W	6414	122	1	0	3	6384	121	1	0	G3	6138	117	1	0	3
		60	60.4	2	6865	114	1	0	2	6832	113	1	0	G2	6569	109	1	0	2
				3	6952	115	1	0	2	6919	115	1	0	G2	6652	110	1	0	2
				4F	6974	115	1	0	2	6941	115	1	0	G2	6674	110	1	0	2
				4W	6962	115	1	0	3	6929	115	1	0	G3	6662	110	1	0	3

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PERFORMANCE DATA: STRIKE CONT'D

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW3	36L	55	63.1	2	7284	135	1	0	2	7249	134	1	0	G2	6970	129	1	0	2
				3	7376	137	1	0	2	7341	136	1	0	G2	7058	131	1	0	2
				4F	7400	137	1	0	2	7364	137	1	0	G2	7081	131	1	0	2
				4W	7387	137	1	0	3	7351	136	1	0	G3	7069	131	1	0	3
		80	77.6	2	9788	126	2	0	2	9741	126	2	0	G2	9366	121	2	0	2
				3	9912	128	1	0	3	9864	127	1	0	G3	9485	122	1	0	3
				4F	9944	128	1	0	2	9896	128	1	0	G2	9516	123	1	0	2
				4W	9926	128	1	0	3	9879	127	1	0	G3	9499	122	1	0	3
		105	108.2	2	12650	128	2	0	2	12589	127	2	0	G2	12105	122	2	0	2
				3	12810	130	2	0	3	12748	129	2	0	G3	12258	124	2	0	3
				4F	12851	130	1	0	3	12790	129	1	0	G3	12298	124	1	0	3
				4W	12829	130	2	0	3	12767	129	2	0	G3	12276	124	2	0	3
		120	120.9	2	13730	114	2	0	2	13664	113	2	0	G2	13138	109	2	0	2
				3	13904	115	2	0	3	13837	114	2	0	G3	13305	110	2	0	3
				4F	13949	115	1	0	3	13882	115	1	0	G3	13348	110	1	0	3
				4W	13924	115	2	0	4	13857	115	2	0	G4	13324	110	2	0	3

ELECTRICAL DATA: STRIKE

# OF LEDS	18L				
NOMINAL WATTAGE	25	30	39	50	60
SYSTEM POWER (W)	22.6	31.3	38.8	52.6	60.4
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.21	0.26	0.32	0.44	0.50
208	0.12	0.15	0.19	0.25	0.29
240	0.10	0.13	0.16	0.22	0.25
277	0.09	0.11	0.14	0.19	0.22
347	0.07	0.09	0.11	0.15	0.17
480	0.05	0.07	0.08	0.11	0.13

# OF LEDS	36L			
NOMINAL WATTAGE	55	80	100	120
SYSTEM POWER (W)	53.9	77.6	98.9	120.9
INPUT VOLTAGE (V)	CURRENT (Amps)			
120	0.45	0.65	0.82	1.01
208	0.26	0.37	0.48	0.58
240	0.22	0.32	0.41	0.50
277	0.19	0.28	0.36	0.44
347	0.16	0.22	0.29	0.35
480	0.11	0.16	0.21	0.25

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DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ELECTRICAL DATA: MICROSTRIKE

# OF LEDS	24L		
NOMINAL WATTAGE	10	15	25
SYSTEM POWER (W)	6.6	14.0	23.0
INPUT VOLTAGE (V)	CURRENT (Amps)		
120	0.06	0.12	0.19
208	0.03	0.07	0.11
240	0.03	0.06	0.10
277	0.02	0.05	0.08
347	0.02	0.04	0.07
480	0.01	0.03	0.05

# OF LEDS	48L				
NOMINAL WATTAGE	15	20	30	35	45
SYSTEM POWER (W)	13.1	20.5	28.8	37.3	45.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.11	0.17	0.24	0.31	0.38
208	0.06	0.10	0.14	0.18	0.22
240	0.05	0.09	0.12	0.16	0.19
277	0.05	0.07	0.10	0.13	0.17
347	0.04	0.06	0.08	0.11	0.13
480	0.03	0.04	0.06	0.08	0.10

# OF LEDS	80L						
NOMINAL WATTAGE	20	25	35	45	55	65	70
SYSTEM POWER (W)	19.4	26.7	34.2	41.7	50.6	58.3	63.5
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	0.16	0.22	0.29	0.35	0.42	0.49	0.53
208	0.10	0.13	0.18	0.22	0.27	0.28	0.31
240	0.08	0.12	0.15	0.19	0.24	0.24	0.26
277	0.07	0.10	0.13	0.17	0.21	0.21	0.23
347	0.06	0.08	0.11	0.13	0.16	0.17	0.18
480	0.04	0.06	0.08	0.10	0.12	0.12	0.13

# OF LEDS	160L					
NOMINAL WATTAGE	45	70	95	105	135	155
SYSTEM POWER (W)	46.2	68.3	91	106.3	134.8	158.3
INPUT VOLTAGE (V)	CURRENT (Amps)					
120	0.39	0.57	0.76	0.89	1.12	1.32
208	0.22	0.33	0.44	0.51	0.65	0.76
240	0.19	0.28	0.38	0.44	0.56	0.66
277	0.17	0.25	0.33	0.38	0.49	0.57
347	0.13	0.20	0.26	0.31	0.39	0.46
480	0.10	0.14	0.19	0.22	0.28	0.33

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VIPER Wall

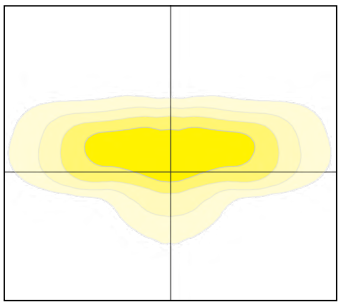
VPW1/VPW2/VPW3 LED WALLPACK

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

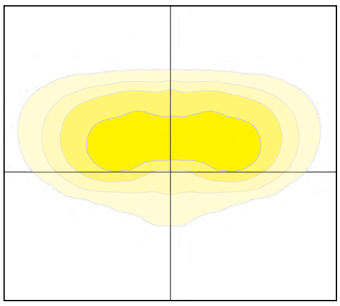
PHOTOMETRY

Mounting Height: 10ft

Type 2



Type 3



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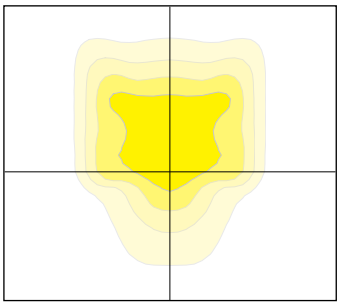
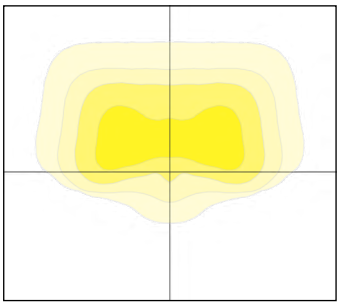
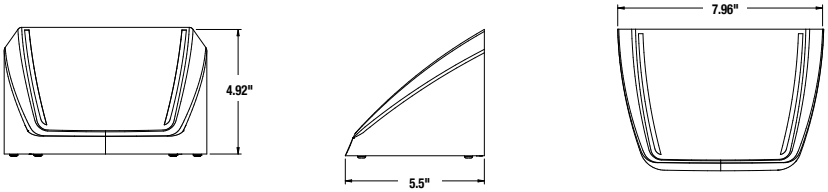


Type 4W

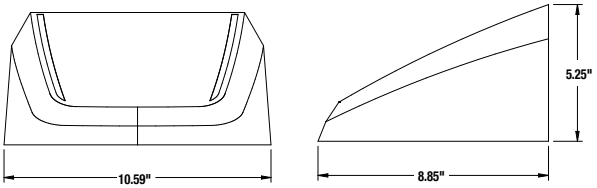


DIMENSIONS

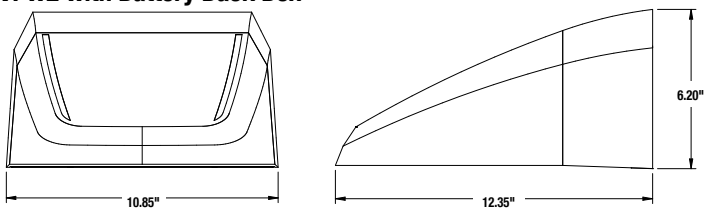
VPW1



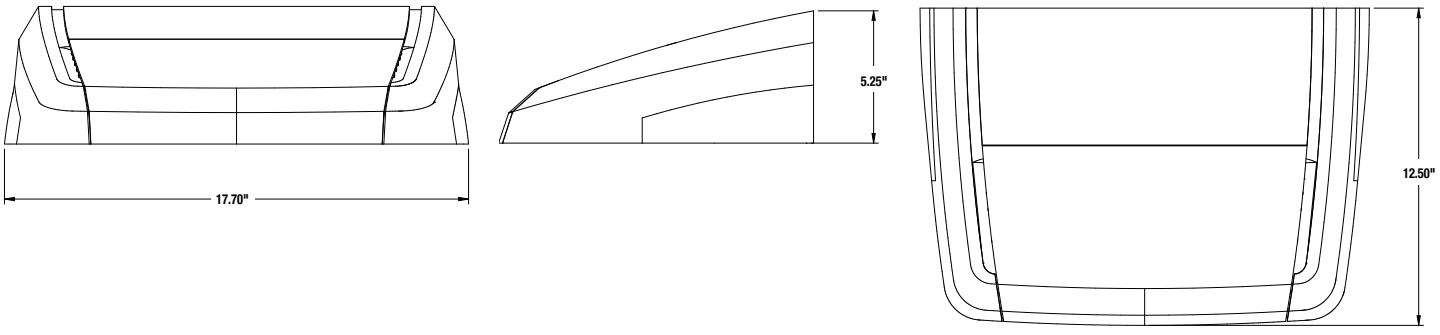
VPW2



VPW2 with Battery Back Box



VPW3



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VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

DATE: LOCATION:

TYPE: PROJECT:

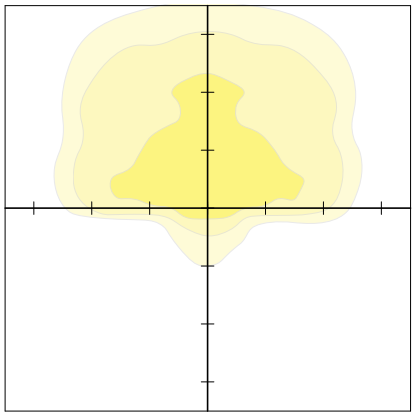
CATALOG #:

BATTERY OPTIONS & HOUSING SIZES

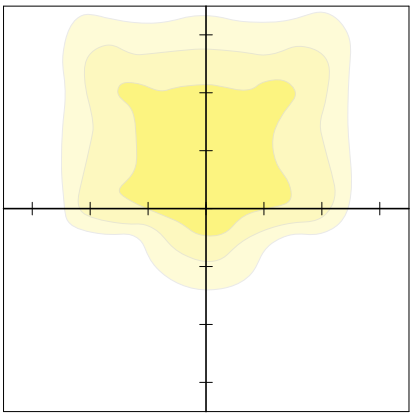
				Battery (E)		Battery with Heater (EH)	
Size	**Optics**	**# LEDs**	**Fixture Wattage**	**E (10W)**	**Housing**	**EH (13W)**	**Housing**
VPW1	Micro Strike	24L	10W	N/A	Not Available	N/A	Not Available
			15W				
			25W				
VPW2	Micro Strike	48L	15W	Y	Standard Housing	Y	Includes Integrated Back Box
			20W	Y	Standard Housing	Y	Includes Integrated Back Box
			30W	N/A	Not Available	Y	Includes Integrated Back Box
			35W	N/A	Not Available	Y	Includes Integrated Back Box
			45W	N/A	Not Available	Y	Includes Integrated Back Box
		80L	20W	N/A	Not Available	Y	Includes Integrated Back Box
			25W			Y	Includes Integrated Back Box
			35W			Y	Includes Integrated Back Box
			45W			Y	Includes Integrated Back Box
			55W			Y	Includes Integrated Back Box
			65W			Y	Includes Integrated Back Box
			70W			Y	Includes Integrated Back Box
	Strike	18L	25W	N/A	Not Available	Y	Includes Integrated Back Box
			30W			Y	Includes Integrated Back Box
			39W			Y	Includes Integrated Back Box
			50W			Y	Includes Integrated Back Box
			60W			Y	Includes Integrated Back Box
VPW3	Micro Strike	160L	45W	N/A	Not Available	Yes	Standard Housing
			70W			Yes	Standard Housing
			95W			Yes	Standard Housing
			105W			N/A	Not Available
			135W			N/A	Not Available
			155W			N/A	Not Available
	Strike	36L	55W	N/A	Not Available	Yes	Standard Housing
			80W			Yes	Standard Housing
			100W			Yes	Standard Housing
			120W			N/A	Not Available

PHOTOMETRY - BATTERY

18L BATTERY PHOTOMETRY



80L BATTERY PHOTOMETRY



Mounting Height: 12ft
Scale: 10ft

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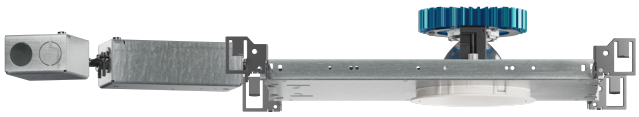
alphabet

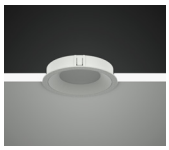
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

NU4 LOPRO

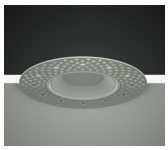
4" Round Downlight Standard White

NSF · AT airtight · DF dead-front · PR plenum rated · wet rated





Trim



Trimless

Trimless Millwork

20° - 65° BEAM (Note: Specifications are subject to change without notice)		
14mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	990LM @30K/80CRI	9W
15LM	1485LM @30K/80CRI	12W
20LM	2095LM @30K/80CRI	17W
25LM	2540LM @30K/80CRI	21W
30LM	3090LM @30K/80CRI	26W
10LM	840LM @30K/90/CRI	9W
15LM	1260LM @30K/90/CRI	12W
20LM	1780LM @30K/90/CRI	17W
25LM	2160LM @30K/90/CRI	21W
30LM	2620LM @30K/90/CRI	26W
Notes	Delivered lumens based on WH70 optic with no lens, (see page 2)	

8 - 12° BEAM (Note: Specifications are subject to change without notice)		
6mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	990LM @30K/80CRI	10W
15LM	1460LM @30K/80CRI	15W
10LM	840LM @30K/90CRI	10W
15LM	1240LM @30K/90CRI	15W
Notes	Delivered lumens based on S10 optic with no lens, (see page 2)	

FEATURES
- 3/4" bezel regress with 1/16" micro flange
- 8° - 65° optical beam control
- UGR < 19
- 110 LPW average
- Glare control, specialty optics, trim options, and custom finishes available
- Microban® antimicrobial finish available on all exposed painted surfaces

DIMMING AND CONTROLS
- 0-10V dimming to 1%
- Leading & trailing edge (Triac / ELV) dimming to 1%

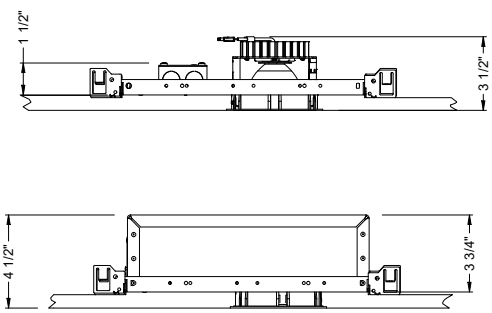
CONSTRUCTION
- Lexan™ (PC) highly resistant to impact and heat (240°F)
- Optimal material for wireless signal connectivity
- Shatter proof acrylic bezel lens
- Electrocoated 16-gauge cold-rolled steel construction
- Accommodates ceiling thickness from 1/8" to 1-5/8"

LED
- 90 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L_{70} > 66,000 hrs
- 80 CRI: SDCM = 3-step MacAdam Ellipse, Lumen Maintenance: L_{70} > 66,000 hrs

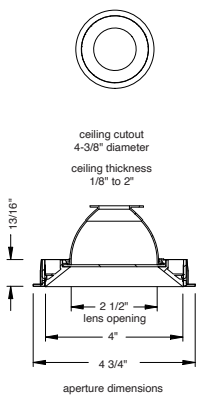
LISTING
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations with lens - Suitable for damp locations without lens
- Non-conductive, dead-front construction (shower approved)
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- **Declare.** - LBC Red List Approved
- 5 Year Limited warranty

ELECTRICAL
- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Remote emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C)

FIXTURE HEIGHT

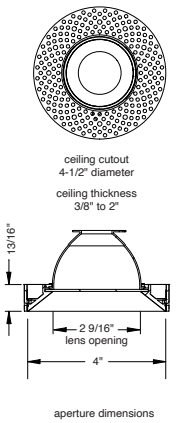


TRIMMED



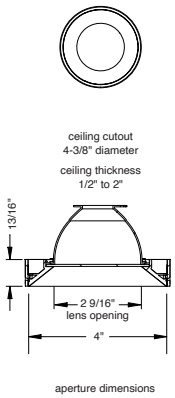
aperture dimensions

TRIMLESS



aperture dimensions

MILLWORK



aperture dimensions

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

8°- 65° BEAM ORDERING CODE

SERIES	**NU4**	NU4
TYPE	**RDLP**	round downlight lopro
	RDTLP	round downlight trimless lopro
	RDTMWLP	round downlight trimless millwork lopro
LED	**SW**	standard white
DELIVERED LUMENS	**10LM**	990 lm
	15LM	1485 lm
	20LM	2095 lm
	25LM	2540 lm
	30LM	3090 lm
	Standard Configuration: 3000K 80CRI WH70 **Calculated Delivered Lumens =** [Delivered Lumen Value] x [CCT Multiplier] x [Reflector Multiplier]	
CCT	**27K**	2700K
	30K	3000K
	35K	3500K
	40K	4000K

CCT	2700K		3000K		3500K		4000K	
CRI	80+	90+	80+	90+	80+	90+	80+	90+
CCT MULTIPLIER FOR LUMEN OUTPUT	0.96	0.81	1.00	0.85	1.03	0.88	1.06	0.91

CRI	**80**	80 CRI	
	90	90 CRI	
OPTIC & LM MULTIPLIER SEE PAGE 5, 6	**8D**[1]	8 degrees	(1.00)
	12D[1]	12 degrees	(1.00)
	20D	20 degrees	(0.99)
	25D	25 degrees	(1.00)
	35D	35 degrees	(0.99)
	50D	50 degrees	(0.99)
	65D	65 degrees	(0.99)
BEZEL LENS SEE PAGE 3, 4	**NL**[2]	no lens	(1.00)
	CL	clear lens	(0.98)
	DL	diffused lens	(0.91)
	E[3]	elliptical beam spread	(0.92)
	HCL[4]	honeycomb louver	(0.85)
	HET	high efficiency textured lens, similar to Solite™	(0.92)
	SBL	smoothing beam lens	(0.92)
	Color lenses (amber, blue, green, red) see page 4.		
TRIM COLOR SEE PAGE 3, 4	**BK**	black	
	WH	white	
	MC	matte chrome	
	BZ	bronze	
	WT	wheat	
	CC[5]	custom color, consult factory for details	
	Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM.		
	Not applicable to trimless option. Do not include in trimless ordering code.		
BEZEL COLOR SEE PAGE 3, 4	**BK**	black	(0.98)
	WH	white	(1.00)
	MC	matte chrome	(0.99)
	BZ	bronze	(0.98)
	WT	wheat	(0.99)
	CC[5]	custom color, consult factory for details	
	Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM.		

8°- 65° BEAM ORDERING CODE

MOUNTING OPTIONS SEE PAGE 2, 8	**NC**	new construction with ceiling fitting plate
	IC[6]	insulation contact housing
	RET	retrofit, no ceiling fitting plate
VOLTAGE	**120**	120V
	UNV	120V-277V
DIMMING	**ELV1**[7]	leading & trailing edge (Triac/ELV) dimming to 1%
	DIM10	0-10V dimming to 1%
ELECTRICAL OPTIONS	**EM7**	emergency battery backup, 90 minutes at 7W to LED
	EM12	emergency battery backup, 90 minutes at 12W to LED
	EM10CA20	remote emergency battery backup, 90 minutes at 10W to LED, CA title 20

ADDITIONAL MOUNTING INFO

New Construction Bar Hangers (included)	Mounting Length: 14-3/4" to 26"
Extension Kit p/n: K20266 (ordered separately, 1 per fixture)	*Extends a pair of Bar Hangers* Total Mounting Length: 29" to 48"

YOUR COMPLETED ORDERING CODE

Follow the steps to specify your fixture, example:

NU4 - RDLP - SW - 20LM - 35K - 90 - 25D - NL - WH - WH - NC - UNV - DIM10 - EM7

NOTES

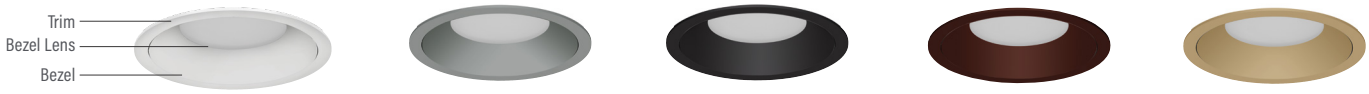
1. 8D/12D available in 10LM/15LM.
2. NL option does not meet requirements for AT/DF/WET/NSF listings. Lensing cannot be added in the field.
3. Elliptical lens not available with 8D/12D optic options. Actual beam distributions [20D= 35° x 60° , 25D= 40° x 65° , 35D= 45° x 70° , 55D= 55° x 80°]
4. HCL not available with lens.
5. Custom set up fee plus minimum quantity required per color.
6. IC not available in 30LM.
7. ELV1 (120V) not available in 10LM.

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

TRIM OPTIONS

TRIM/BEZEL COLORS



WH MC BK BZ WT

OPTICAL OPTIONS

- UGR calculation based on CIE 117-1995; room size: 4H X 8H, reflectance: 70/50/20;
- UGR calculation based on 15LM fixtures, unless otherwise noted.

REFLECTOR OPTIC ACCESSORY
Honeycomb Louver

OPTIC	BEAM ANGLE	UGR
8D	7.8	10.9
12D	11.3	23.5
20D	17.4	12.5
25D	22.2	13.9
35D	32.4	16.5
50D	44.9	13.4
65D	52	15.5

NL
No Lens

OPTIC	BEAM ANGLE	UGR
8D	7.8	14.2
12D	11.9	13.8
20D	18	13.6
25D	22.8	13.1
35D	36.2	14.5
50D	49.2	18.3
65D	64.5	18.8

CL
Clear Lens

OPTIC	BEAM ANGLE	UGR
8D	7.9	13.7
12D	12.1	13.3
20D	18	13.3
25D	22.8	12.8
35D	36.2	14.2
50D	49.2	18.1
65D	64.6	18.5

DL
Diffused Lens

OPTIC	BEAM ANGLE	UGR
20D	39.4	19.5
25D	42.4	19.8
35D	50.6	20.8
50D	56.7	21.4
65D	66.7	23.3

HET
High Efficiency Textured Lens

OPTIC	BEAM ANGLE	UGR
20D	22.5	13.8
25D	27	14
35D	38.8	15.8
50D	49.8	16.5
65D	60.4	19.5

SBL
Smoothing Beam Lens

OPTIC	BEAM ANGLE	UGR
8D	10.2	12.8
12D	13.2	12.9
20D	19.3	13
25D	24.3	13.1
35D	37.2	14.8
50D	51.2	15.6
65D	62.2	18.8

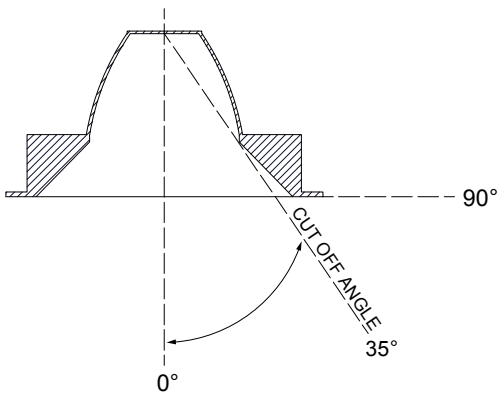
GLARE CONTROL

CUT-OFF ANGLE

Visual comfort is achieved with a lower cut-off angle due to improved glare control. The smaller the cut-off angle, the easier it is on the eye.

Alphabet downlights have been thoughtfully engineered to eliminate glare while still delivering functional illumination.

- Cutoff angle of CL is 35 degrees;

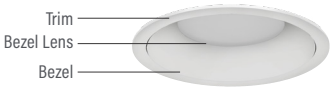


alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

TRIM OPTIONS

TRIM/BEZEL COLORS



WH

MC

BK

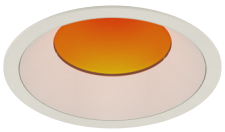
BZ

WT

OPTICAL OPTIONS

- UGR calculation based on CIE 117-1995; room size: 4H X 8H, reflectance: 70/50/20;
- UGR calculation based on 15LM fixtures, unless otherwise noted.

AMBER



OPTIC	MULTIPLIER	BEAM SPREAD
20D	0.485	18°
25D	0.484	22°
35D	0.485	35°
50D	0.48	50°
65D	0.473	60°

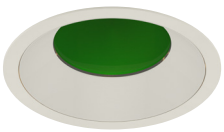
AVERAGE LUMENS: 2000LM 1880 CCT

RED

OPTIC	MULTIPLIER	BEAM SPREAD
20D	0.04	18°
25D	0.04	22°
35D	0.04	35°
50D	0.04	50°
65D	0.038	60°

AVERAGE LUMENS: 168LM

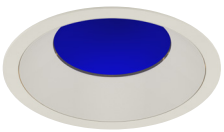
GREEN



OPTIC	MULTIPLIER	BEAM SPREAD
20D	0.202	18°
25D	0.202	22°
35D	0.204	35°
50D	0.2	50°
65D	0.196	60°

AVERAGE LUMENS: 850LM

BLUE



OPTIC	MULTIPLIER	BEAM SPREAD
20D	0.051	18°
25D	0.051	22°
35D	0.053	35°
50D	0.05	50°
65D	0.049	60°

AVERAGE LUMENS: 210LM

Add AM / BL / GR / RD to bezel lens ordering code section.
Example: NU4 - RD - SW - 10LM - 30K - 80 - 35D - **BL** - WH - WH - NC - UNV - DIM

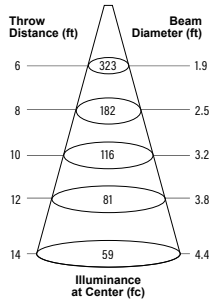
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA

20LM CCT MULTIPLIERS		
	80CRI	90CRI
2700K	0.96	0.81
3000K	1	0.85
3500K	1.03	0.88
4000K	1.06	0.91
FC Formula = CBCP / Distance^2		

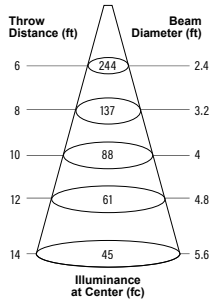
20D 18° NO LENS



WATTS: 17.2	LPW: 121.4
LUMENS: 2088	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	11622
5	10517
15	2170
25	862
35	401
45	3

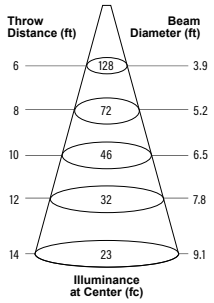
25D 23° NO LENS



WATTS: 17.2	LPW: 122.1
LUMENS: 2099	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	8779
5	7589
15	2759
25	940
35	372
45	2

35D 36° NO LENS

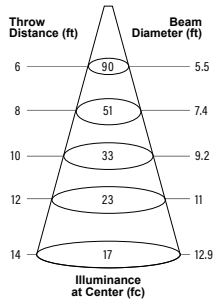


WATTS: 17.2	LPW: 120.6
LUMENS: 2074	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	4594
5	4283
15	2845
25	1317
35	435
45	10

20LM CCT MULTIPLIERS		
	80CRI	90CRI
2700K	0.96	0.81
3000K	1	0.85
3500K	1.03	0.88
4000K	1.06	0.91
FC Formula = CBCP / Distance^2		

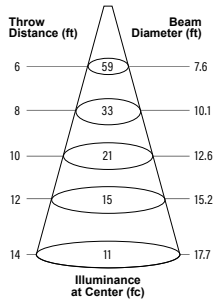
50D 49° NO LENS



WATTS: 17.2	LPW: 121.2
LUMENS: 2085	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	3253
5	3231
15	2606
25	1591
35	450
45	13

65D 65° NO LENS



WATTS: 17.2	LPW: 120.9
LUMENS: 2080	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	2103
5	2101
15	1990
25	1520
35	779
45	144

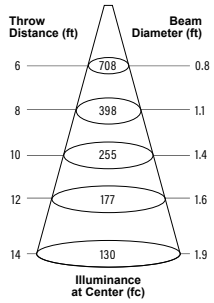
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA

10LM CCT MULTIPLIERS		
	80CRI	90CRI
2700K	0.96	0.81
3000K	1	0.85
3500K	1.03	0.88
4000K	1.06	0.91
FC Formula = CBCP / Distance^2		

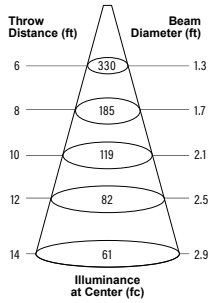
8D
7.8° NO LENS



WATTS: 10.2	LPW: 97.9
LUMENS: 998	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	25483
5	8161
15	463
25	362
35	215
45	0.5

12D
12° NO LENS



WATTS: 8.7	LPW: 115
LUMENS: 1001	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	11863
5	7515
15	660
25	371
35	192
45	0.3

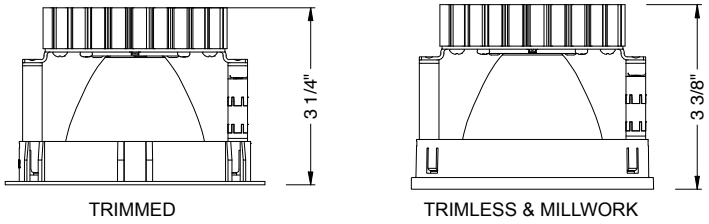
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS

FIXTURE HEIGHT

10M - 30LM CONFIGURATION

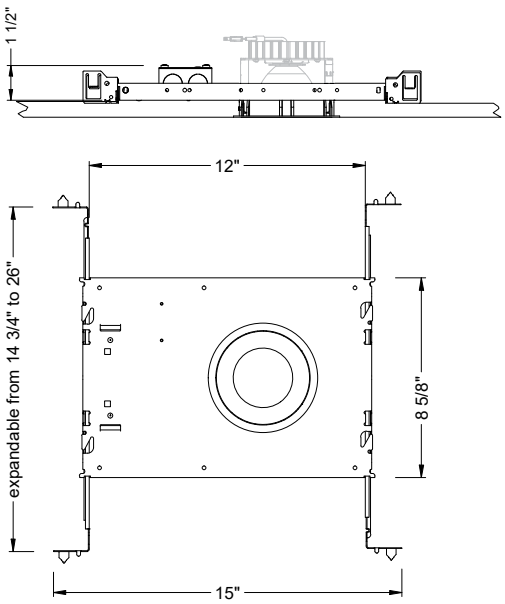


TRIMMED

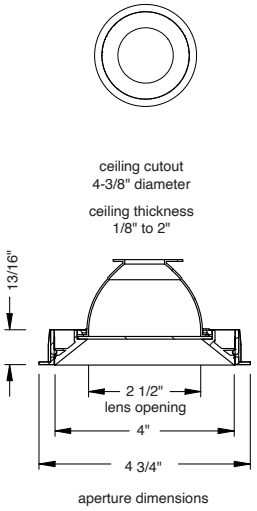
TRIMLESS & MILLWORK

NC - NEW CONSTRUCTION

TRIM

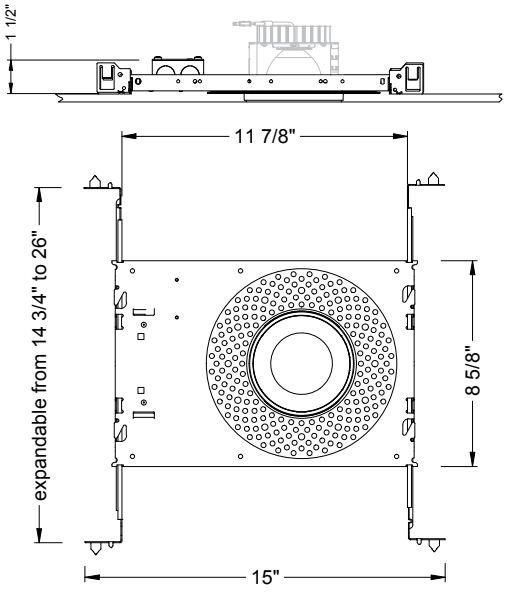


TRIM

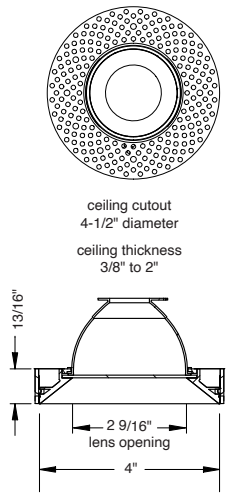


aperture dimensions

TRIMLESS

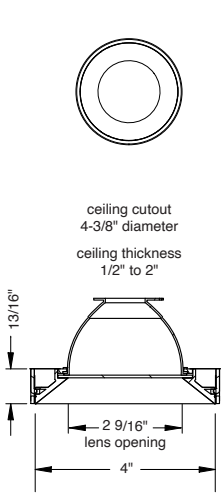


TRIMLESS



aperture dimensions

TRIMLESS/MILLWORK



aperture dimensions

100878

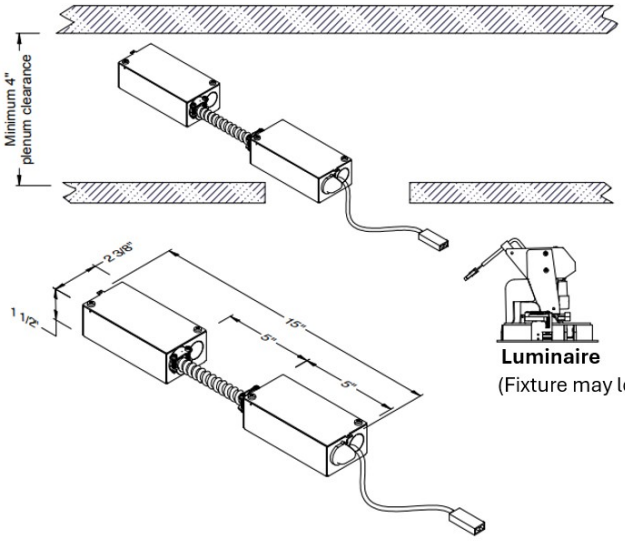
In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product.

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS (CONTINUED)

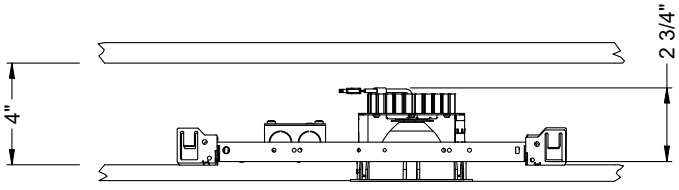
RET - RETRO
TRIM/TRIMLESS

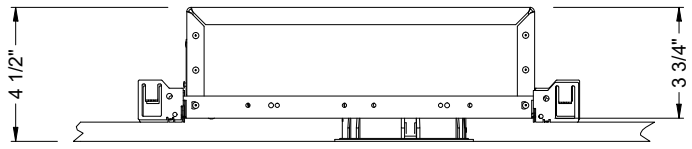


Luminaire
(Fixture may look different)

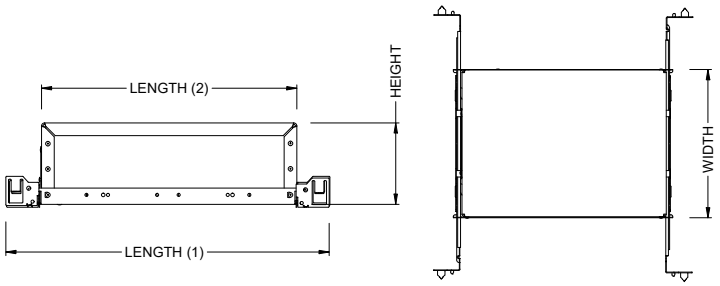
RATINGS / CERTIFICATIONS	NC	RET	IC
TYPE NON-IC	✔	✔	
TYPE IC			✔
CHICAGO PLENUM (CCEA)			
SUITABLE FOR AIR HANDLING PLENUMS	✔	✔	✔
REDUCED AIRFLOW (WITH LENS) ASTM E283	✔	✔	✔

CEILING THICKNESS	
FIXTURE TYPE	MOUNTING TYPE
	NC, IC, RET
	STANDARD CEILING THICKNESS
TRIM	1/8" to 2"
TRIMLESS	3/8" to 2"
MILLWORK (TRIMLESS)	1/2" to 2"





IC - INSULATION CONTACT HOUSING



BOX SIZE	L 1	L 2	W	H
A	15 - 7/16"	11 - 3/4"	8 - 1/2"	3 - 3/4"

BOX TYPE / LUMEN OUTPUT - NARROW BEAM (8° - 12°)	
LUMEN OUTPUT	IC
10LM	✔
15LM	✔

BOX TYPE / LUMEN OUTPUT - STANDARD BEAMS (20° - 65°)	
LUMEN OUTPUT	IC
10LM	✔
15LM	✔
20LM	✔
25LM	✔
30LM	

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

BATTERY OPTIONS

EMERGENCY BATTERY

IOTA's ILB Battery Backups are UL Listed LED emergency drivers that allow the same LED fixture to be used for both normal and emergency operation. In the event of a power failure, the ILB switches to the emergency mode and operates the existing fixture for 90 minutes. The unit contains a battery, charger, and converter circuit in a single can. The Constant Power design of the ILB maintains the output wattage to the LED array even as the system voltage diminishes. UL 924 Listed for U.S. and Canada. UL 1310 Certified, Output Class 2 Compliant. Includes single-piece TBTS test switch and charge indicator accessory kit. For use with switched and unswitched fixtures, and includes Two-wire universal AC input. Meets or exceeds all National Electric Code and Life Safety Code Emergency Lighting Requirements. Rated for use in Plenum, Damp Location, Recessed Type IC, and Enclosed and Gasketed Luminares.

REMOTE TEST SWITCH

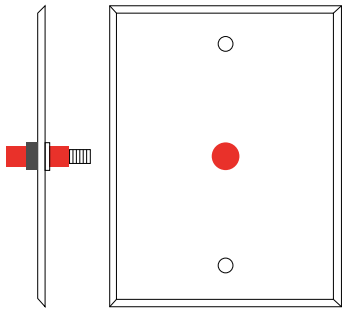
The Remote Test Switch may be mounted adjacent to the LED Fixture by others.

EMERGENCY BATTERY ACCESS

Above ceiling access is required for service. An access panel in the ceiling (or other form of access) adjacent to the installation location of the Emergency Battery is required.

REMOTE LOCATION

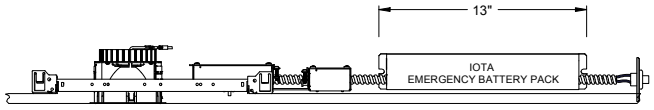
Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all Local and National Electric/ Building Codes.



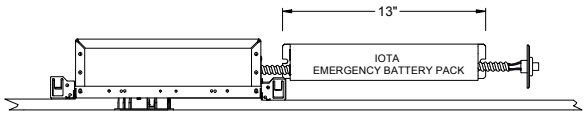
Remote Test Switch

EM MODE OUTPUT (DELIVERED LUMENS)			
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS (10LM TO 30LM)	700LM	1000LM	1200LM
Notes: Based on 30K, 80CRI			

NC - NEW CONSTRUCTION
WITH EM BATTERY (REMOTE TEST SWITCH)

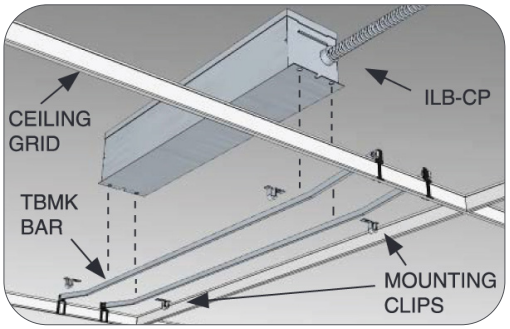


IC - INSULATION CONTACT HOUSING
WITH EM BATTERY (REMOTE TEST SWITCH)



Accessory

76066 Optional T-Grid Mounting Kit[2]



2. Can be used with any of the Emergency Battery Backups. Must be ordered as a separate line item.

In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product.

DEVELOPMENT APPLICATION

City of Rockwall
Planning and Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087

STAFF USE ONLY
PLANNING & ZONING CASE NO.

NOTE: *THE APPLICATION IS NOT CONSIDERED ACCEPTED BY THE CITY UNTIL THE PLANNING DIRECTOR AND CITY ENGINEER HAVE SIGNED BELOW.*

DIRECTOR OF PLANNING:

CITY ENGINEER:

PLEASE CHECK THE APPROPRIATE BOX BELOW TO INDICATE THE TYPE OF DEVELOPMENT REQUEST [SELECT ONLY ONE BOX]:

PLATTING APPLICATION FEES:
- ☐ MASTER PLAT ($500.00 + $20.00 ACRE) [1]
- ☐ PRELIMINARY PLAT ($500.00 + $20.00 ACRE) [1]
- ☐ FINAL PLAT ($500.00 + $20.00 ACRE) [1]
- ☐ REPLAT ($500.00 + $20.00 ACRE) [1&3]
- ☐ AMENDING OR MINOR PLAT ($500.00)
- ☐ PLAT REINSTATEMENT REQUEST ($200.00)

SITE PLAN APPLICATION FEES:
- ☑ SITE PLAN ($1,000.00 + $20.00 ACRE) [1&2]
- ☐ AMENDED SITE PLAN/ELEVATIONS/LANDSCAPING PLAN ($500.00) [2]

OTHER APPLICATION FEES:
- ☐ TREE REMOVAL ($200.00)
- ☐ VARIANCE REQUEST/SPECIAL EXCEPTIONS [RESIDENTIAL] ($200.00) [2]
- ☐ VARIANCE REQUEST/SPECIAL EXCEPTIONS [COMMERCIAL] ($1,000.00) [2]

ZONING APPLICATION FEES:
- ☐ ZONING CHANGE ($1,000.00 + $20.00 ACRE) [1&3]
- ☐ SPECIFIC USE PERMIT [RESIDENTIAL] ($200.00 + $20.00 ACRE) [1,2&3]
- ☐ SPECIFIC USE PERMIT [COMMERCIAL] ($1,000.00 + $20.00 ACRE) [1,2&3]
- ☐ PLANNED DEVELOPMENT DISTRICT ($1,500.00 + $20.00 ACRE) [1&3]
- ☐ PD DEVELOPMENT PLANS ($1,500.00 + $20.00 ACRE) [1&3]

NOTES:
[1]: IN DETERMINING THE FEE, PLEASE USE THE EXACT ACREAGE WHEN MULTIPLYING BY THE PER ACRE AMOUNT. FOR REQUESTS ON LESS THAN ONE ACRE, ROUND UP TO ONE (1) ACRE.
[2]: A ***$2,500.00*** FEE WILL BE ADDED TO THE APPLICATION FEE FOR ANY REQUEST THAT INVOLVES CONSTRUCTION WITHOUT OR NOT IN COMPLIANCE TO AN APPROVED BUILDING PERMIT.
[3]: AN ADDITIONAL FEE OF ***$150.00*** WILL BE REQUIRED FOR THE COST OF NOTIFICATIONS.

PROPERTY INFORMATION [PLEASE PRINT]

ADDRESS	2200 Ridge Road, Rockwall TX 75087				
SUBDIVISION	Sky Ridge Addition	LOT	8	BLOCK	A
GENERAL LOCATION	NW of YellowJacket & Ridge Road Intersection				

ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

CURRENT ZONING	Commercial District	CURRENT USE	Non
PROPOSED ZONING		PROPOSED USE	Nail Salon & General Retail
ACREAGE	0.976	LOTS [CURRENT]	1
		LOTS [PROPOSED]	1

☐ ***SITE PLANS AND PLATS:*** *BY CHECKING THIS BOX YOU ACKNOWLEDGE THAT DUE TO THE PASSAGE OF HB3167 THE CITY NO LONGER HAS FLEXIBILITY WITH REGARD TO ITS APPROVAL PROCESS, AND FAILURE TO ADDRESS ANY OF STAFF'S COMMENTS BY THE DATE PROVIDED ON THE DEVELOPMENT CALENDAR WILL RESULT IN THE DENIAL OF YOUR CASE.*

OWNER/APPLICANT/AGENT INFORMATION [PLEASE PRINT/CHECK THE PRIMARY CONTACT/ORIGINAL SIGNATURES ARE REQUIRED]

☐ OWNER	Beauty Legacy, LLC	☐ APPLICANT	B+A Architecture LLC
CONTACT PERSON	~~Lien Nguyen~~ Kim Lien Thi Nguyen	CONTACT PERSON	Thong Thai
ADDRESS	[redacted]	ADDRESS	[redacted]
CITY, STATE & ZIP		CITY, STATE & ZIP	
PHONE		PHONE	
E-MAIL		E-MAIL	

NOTARY VERIFICATION [REQUIRED]

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED KIM LIEN THI NGUYEN [*OWNER*] THE UNDERSIGNED, WHO STATED THE INFORMATION ON THIS APPLICATION TO BE TRUE AND CERTIFIED THE FOLLOWING:

"I HEREBY CERTIFY THAT I AM THE OWNER FOR THE PURPOSE OF THIS APPLICATION; ALL INFORMATION SUBMITTED HEREIN IS TRUE AND CORRECT; AND THE APPLICATION FEE OF $ N/A *, TO COVER THE COST OF THIS APPLICATION, HAS BEEN PAID TO THE CITY OF ROCKWALL ON THIS THE* N/A *DAY OF* N/A *, 20___. BY SIGNING THIS APPLICATION, I AGREE THAT THE CITY OF ROCKWALL (I.E. "CITY") IS AUTHORIZED AND PERMITTED TO PROVIDE INFORMATION CONTAINED WITHIN THIS APPLICATION TO THE PUBLIC. THE CITY IS ALSO AUTHORIZED AND PERMITTED TO REPRODUCE ANY COPYRIGHTED INFORMATION SUBMITTED IN CONJUNCTION WITH THIS APPLICATION, IF SUCH REPRODUCTION IS ASSOCIATED OR IN RESPONSE TO A REQUEST FOR PUBLIC INFORMATION."*

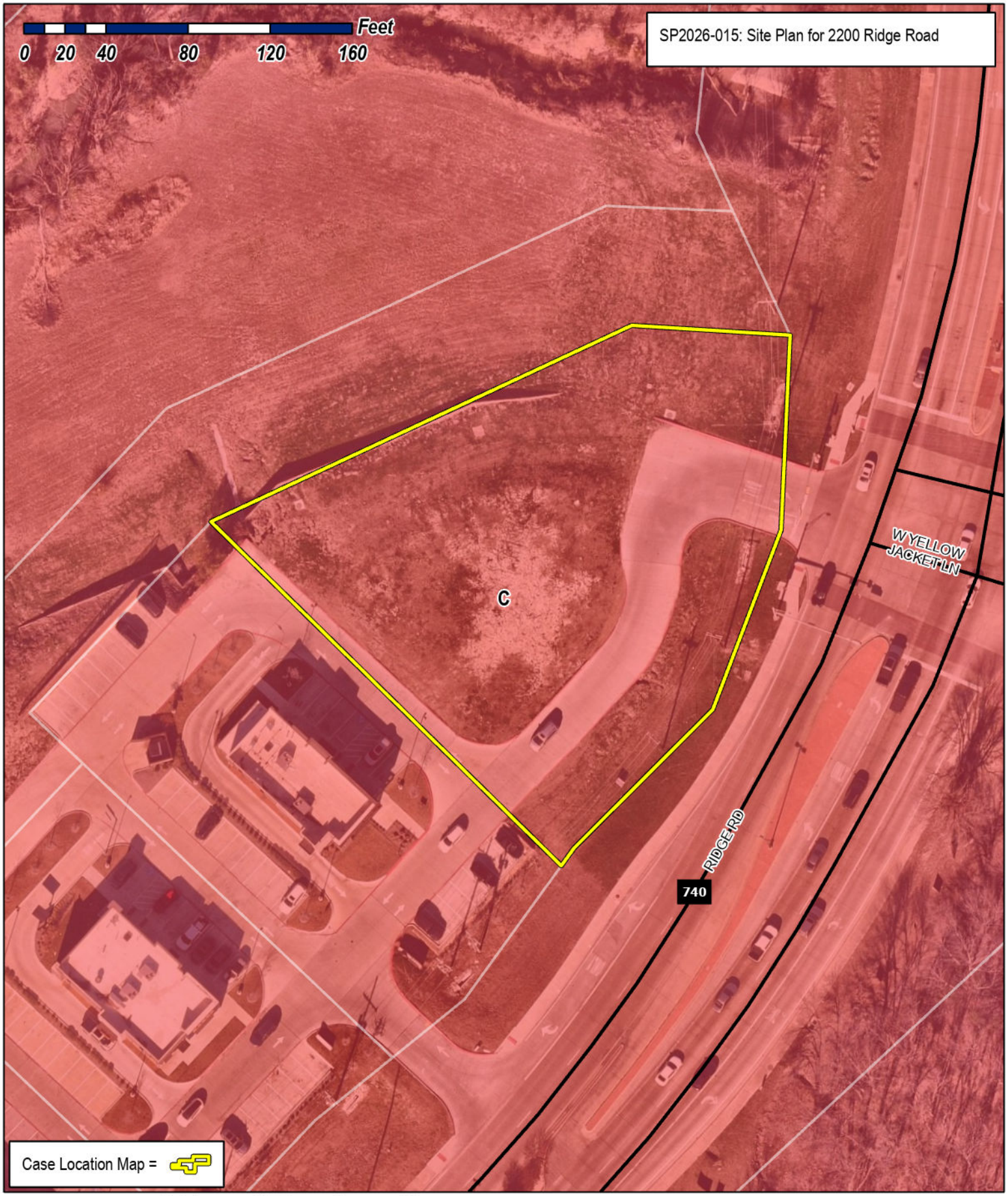
GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 13th *DAY OF* MAY *, 20*26*.*

RYAN MARK ANDIO STA ROMANA ANGELES
Notary Public
STATE OF TEXAS
My Comm. Exp. 04-02-29
Notary ID # 135506513

OWNER'S SIGNATURE

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

MY COMMISSION EXPIRES



City of Rockwall

Planning & Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087
(P): (972) 771-7745
(W): www.rockwall.com

The City of Rockwall GIS maps are continually under development and therefore subject to change without notice. While we endeavor to provide timely and accurate information, we make no guarantees. The City of Rockwall makes no warranty, express or implied, including warranties of merchantability and fitness for a particular purpose. Use of the information is the sole responsibility of the user.

ARCHITECTURE

Monday, May 11th, 2026

Henry Lee, AICP
Senior Planner
Planning & Zoning Department
City of Rockwall, TX
385 S. Goliad Street, Rockwall, TX 75087

Project name: **SkyRidge Retail Building**
Previous Submittal Case: SP2025-042

Mr. Lee
We are writing to respond to the comments from the Plan Review dated March 03, 2026. Our responses are in the same order as presented in the review.

SP2025-042; Site Plan for 2200 Ridge Road
Please address the following comments (*M= Mandatory Comments; I = Informational Comments*)

M.1 Please provide a material sample board before the March 10, 2026 Architecture Review Board meeting. (*Subsection 03.04. B, of Article 11, UDC*)

Henry Nguyen Consulting's response: We provided the material sample board on March 10, 2026. There is no new building materials to be used in the new submittal, please accept the previous sample board which you still have at your office.

M.2 Site Plan.
(1) Please update the parking table, as 32 parking spaces are required and 32 parking spaces have been provided. (*Subsection 03.04. B, of Article 11, UDC*)

Henry Nguyen Consulting's response: Parking table has been updated showing 32 parking spaces.

(2) The dumpster must utilize the same brick that is used on the building. (*Subsection 01.05. B, of Article 05, UDC*)

Henry Nguyen Consulting's response: Detail notes have been updated stating dumpster must use the same brick as building.

B+A Architecture - 600 Broadway Blvd. Suite 290, Kansas City, Missouri, 64105
(816) 753-6100 office

M.3 Landscape Plan.

(1) Provide the same site data information required in Section 2.1 Site Plan: Miscellaneous and Density and Dimensional Requirements of this checklist. (*See Sec. 2.1 of the checklist*)

Henry Nguyen Consulting's response: Same site data information required in Section 2.1 has been provided on the site plan.

(2) Per the *General Overlay District Standards*, there must be a row of canopy trees at the rear of the subject property. (*Subsection 06.02, of Article 05*, *UDC*) Variance requested.

Henry Nguyen Consulting's response: A row of trees at the rear of the property was added.

(3) All head in parking adjacent to a roadway is required to provide headlight screening. Variance requested.

Henry Nguyen Consulting's response: A 3' wall was added to provide headlight screening.

M.4 Photometric Plan

(1) Provide the same site data information required in Section 2.1 Site Plan: Miscellaneous and Density and Dimensional Requirements of this checklist. (*See Sec. 2.1 of the checklist*)

B+A Architecture's response: Same site data information required in Section 2.1 has been provided on the photometric plan.

(2) Light levels shall not be greater than 0.2 FC at all property lines. Please correct the photometric plan to address this requirement. (*Subsection 03.03, of Article 07, UDC*) Variance requested.

B+A Architecture's response: We have revised the photometric plan to show that light levels are less than 0.2 FC at all property lines. Please see attached revised site photometric plan.

M.5 Building Elevations

(1) Please crosshatch the RTUs on the elevations. The RTUs must be fully screened by the parapet. Please pay attention to this due the building being lower than the road. (*Subsection 01.05.C, of Article 05, UDC*) Staff believes that the RTUs will be visible from ridge road because of the elevation change. Based on this staff has added a condition of approval that will require louvers if they are visible.

B+A Architecture's response: Aknowledged. We added a note that the RTUs will be screening if it is visible from the Ridge Road.

(2) Please indicate the architectural elements on the building. Each building is required to incorporate four (4) architectural elements. (*Subsection 06.02, of Article 05, UDC*) Currently there are three (3) architectural elements being: canopies, display windows, articulated cornice. This will be a variance.

B+A Architecture - 600 Broadway Blvd. Suite 290, Kansas City, Missouri, 64105
(816) 753-6100 office

B+A Architecture's response: The building is designed to provide architectural elements including (1)canopies/awnings, (2) display windows, (3) articulated cornice, and (4) projected/recessed wall, and varied roof height.

(3) Where is the stacked stone (*Bighorn*) going on the building? It is indicated on the material schedule.

B+A Architecture's response: Bighorn is no longer used in this project.

(4) The subject property is located within the Scenic Overlay District and is required to provide primary articulation on each façade. In this case, the proposed building elevations do not meet any of the primary articulation standards. (*Subsection 04.01, of Article 05, UDC*) Variance requested.
    1. Height = 20.67'; In Conformance
    2. Wall Length = In Conformance
    3. Secondary entryway/architectural element length = Non-Conforming; The North facade does not have projecting elements
    4. Wall Projection = 5.25' minimum; Non-Conforming; All sides of the building
    5. Primary and/or secondary entryway/architectural element width = Non-Conforming; This cannot be confirmed given that the returns for the vertical projections are not shown
    6. Projection Height = 5.25' minimum; In Conformance
    7. Primary entryway/architectural element length = Non-Conforming; They must be at a minimum double the width of the secondary entryways/architectural elements

B+A Architecture's response:

The proposed building has been designed with an irregular configuration, resulting in six distinct façade sides. This geometry is a direct response to the unique constraints and conditions of the site and its surrounding context.

We acknowledge the review comments M.10.7 and M.10.9 regarding the requirement to provide primary articulation on all building elevations. Due to the building's irregular form, achieving full compliance with all primary façade articulation standards on every elevation presents significant design challenges.

In this resubmittal, we have revised the building elevations to ensure that the primary façades comply with the majority of the Primary Building Façade standards. The remaining façades have been designed to maintain consistency in materials, detailing, and architectural features in accordance with Subsection 06.01-C.(5), which requires four-sided architectural treatment.

While these secondary façades may not incorporate all seven primary façade articulation elements, they are designed to provide a cohesive and high-quality architectural expression consistent with the intent of the ordinance.

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(816) 753-6100 office

Based on these considerations, we respectfully request a variance for the building elevations, as the current design meets the overall intent of the code while responding appropriately to the site-specific constraints.

M.6 Given that there are remaining comments on the site plan, landscape plan, photometric plan, and the building elevations, staff has included conditions of approval that require these items to be corrected before the civil plans may be submit.

M.7 At this time staff has identified six (6) variances, which will require 14 compensatory measures.

1. Landscape Buffer encroachment
2. Rear Yard tree planting requirements
3. Less than four (4) architectural elements
4. Primary Articulation on all sides of the building
5. Headlight Screening
6. Light Levels Greater than 0.2 FC at Property Line

B+A Architecture's response: At this time of the submittal, we are only requesting for (1) variance of the #4 - Primary Articulation on all sides of the building

Please contact me if you have any additional questions or comments.

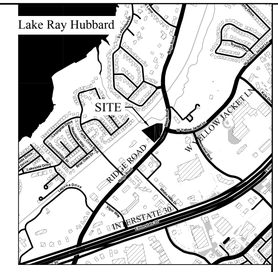
Sincerely,

Thong Thai
Managing Partner, RA

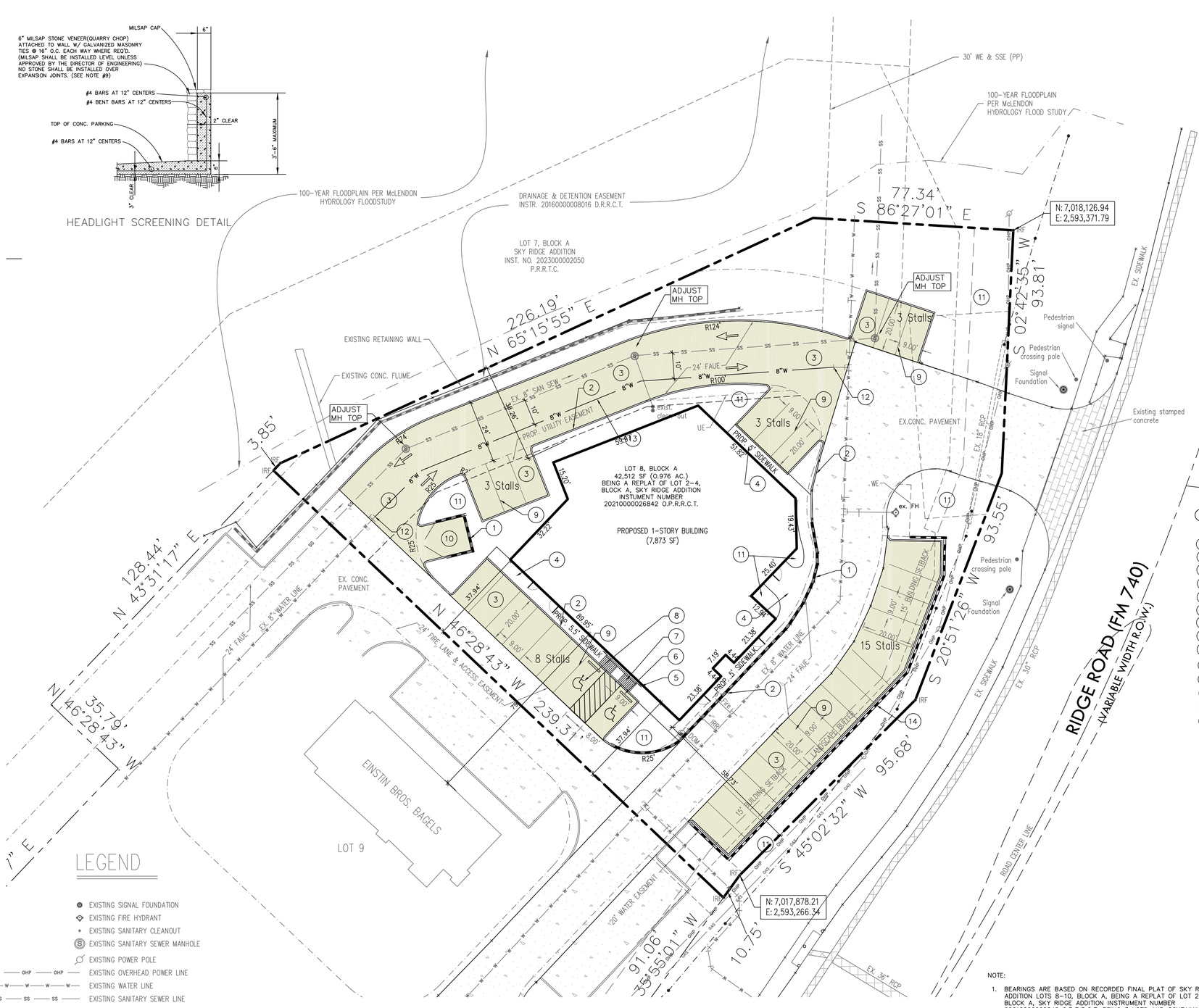
B+A Architecture LLC
TX Registration No. BR 4706

B+A Architecture - 600 Broadway Blvd. Suite 290, Kansas City, Missouri, 64105
(816) 753-6100 office

HEADLIGHT SCREENING DETAIL



VICINITY MAP
(NTS)



0 20 40 60

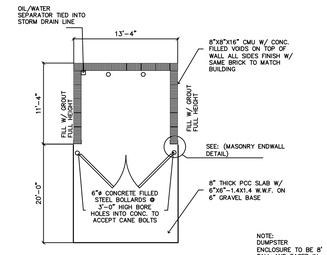
SCALE: 1" = 20'

SITE DATA

LOT AREA	42,512 SF
BUILDING HEIGHT	1 STORIES, 30'
BUILDING AREA	7,837 SF
FLOOR AREA RATIO	0.1844
TOTAL IMPERVIOUS AREA	30,086 SF (71% COVERAGE)
LANDSCAPE AREA	12,426 SF (29% COVERAGE)
EXISTING ZONING	C -COMMERCIAL DISTRICT
PROPOSED USEAGE	NAIL SALON AND RETAILS
REQUIRED PARKING	1 parking space/250 sf (7837 x 1/250=32 required)
PROVIDED PARKING	32 SPACES

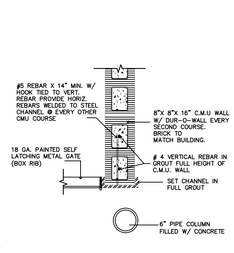
KEYNOTES

1. CONSTRUCT RETAINING WALL
2. CONSTRUCT MONOLITHIC CONCRETE CURB
3. CONSTRUCT 6" THICK PORTLAND CEMENT CONCRETE PAVEMENT PER PAVING PLAN
4. CONSTRUCT 4" THICK CONCRETE SIDEWALK
5. INSTALL HANDICAP SIGN
6. INSTALL PRECAST CONCRETE WHEELSTOPS
7. CONSTRUCT STANDARD ADA RAMP
8. PAINT HANDICAP SYMOL – WHITE ON BLUE BACKGROUND
9. PAINT 4" SOLID STRIPE – WHITE
10. CONSTRUCT 8" THICK PCC SLAB TRASH ENCLOSURE W/OIL/WATER SEPARATOR CONNECTED TO STORM
11. LANDSCAPE AREA
12. REMOVE PLUG AND CONNECT PROP. 8" WATER LINE TO EX. 8" WATER LINE
13. INSTALL 8" WATER LINE
14. CONSTRUCT RETAINING WALL WITH HEADLIGHT SCREENING



TRASH ENCLOSURE PLAN
SCALE: NONE

NOTE: DUMPSTER ENCLOSURE TO BE 8' TALL AND FACED IN THE SAME MATERIAL AS THE PRIMARY BUILDING.



MASONRY ENDWALL DETAIL
SCALE: NONE

DUMPSTER ENCLOSURE DETAIL

LEGEND

- EXISTING SIGNAL FOUNDATION
- EXISTING FIRE HYDRANT
- EXISTING SANITARY CLEANOUT
- EXISTING SANITARY SEWER MANHOLE
- EXISTING POWER POLE
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- SS — EXISTING SANITARY SEWER LINE
- EXISTING CONCRETE PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- FAUE FIRE LANE ACCESS & UTILITY EASEMENT
- UE UTILITY EASEMENT
- WE WATER LINE EASEMENT

APPROVED:
I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission of the City of Rockwall on the _____ day of _____, _____.

WITNESS OUR HANDS, this _____ day of _____, _____.

Planning & Zoning Commission, Chairman — Director of Planning and Zoning

NOTE:

1. BEARINGS ARE BASED ON RECORDED FINAL PLAT OF SKY RIDGE ADDITION LOTS 8–10, BLOCK A, BEING A REPLAT OF LOT 2–4, BLOCK A, SKY RIDGE ADDITION INSTRUMENT NUMBER 20210000026842 O.P.R.R.C.T. BEING 3 LOTS AND CONTAINING 2.293 ACRES CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS.
2. EASEMENTS AND SETBACKS SHOWN HEREON ARE BASED ON RECORDED PLAT (CASE NO. P2023–005) UNLESS OTHERWISE NOTED.
3. UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY EXACT LOCATION OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
4. ALL DIMENSIONS ARE TO FACE OF CURB.
5. THERE SHALL BE NO ABOVE GROUND STORAGE TANKS OR OUTSIDE STORAGE, WHICH INCLUDES VEHICLES.

Henry Nguyen Consulting, LLC
Civil Engineering
1330 Glenfield Ave, Dallas, Texas 75224
(214) 773-4075 Email: henguyen@swbell.net
Texas Registered Engineering Firm F-16239

REVISIONS		
Date	Description	Approved

SKYRIDGE RETAIL BUILDING
2200 RIDGE ROAD
ROCKWALL, TEXAS 75087

DESIGN	HNC
DRAWN	HNC
DATE	05/08/2026
Job#:	25001

STATE OF TEXAS
HENRY T. NGUYEN
71065
REGISTERED PROFESSIONAL ENGINEER

The seal appearing on this document was authorized by Henry Nguyen, P.E. 71065. Alteration of a sealed document with out proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.

SITE PLAN

C1

May 08,2026 3:20pm henguy
C:\Users\hnguy\OneDrive\Henry Nguyen Consulting\Projects\Active\25001-SKY RIDGE ADDITION\18-SHEET_SETS\23-SITE PLAN.dwg

GENERAL NOTES

1. EXTERIOR COLORS ARE INDICATED BY MATERIAL MANUFACTURERS
2. ALL EXTERIOR MATERIAL TRANSITION, SILLS AND HEADERS WHICH ARE NOT CALLED OUT, MATCH TO WALL TRIM COLOR.
3. ROOF TOP UNITS (RTUs) TO BE SCREENED FROM VIEWS BY LOUVERED SCREENS IF IT IS VISIBLE FROM THE ROAD.
4. INSTALL ALL ROOF PENETRATIONS AND EQUIPMENT (IE; VENT PIPES; ROOF VENTILATORS) ON THE REAR SIDE OF THE ROOF, TO THE GREATEST EXTENT POSSIBLE

STONE VENEER
LEDGESTONE STYLE
WINDSOR PEWTER
LEDGE

STONE VENEER
THIN BRICK
DESERT GRAY

ACM PANEL
ALUCOBOND
STATUARY BRONZE

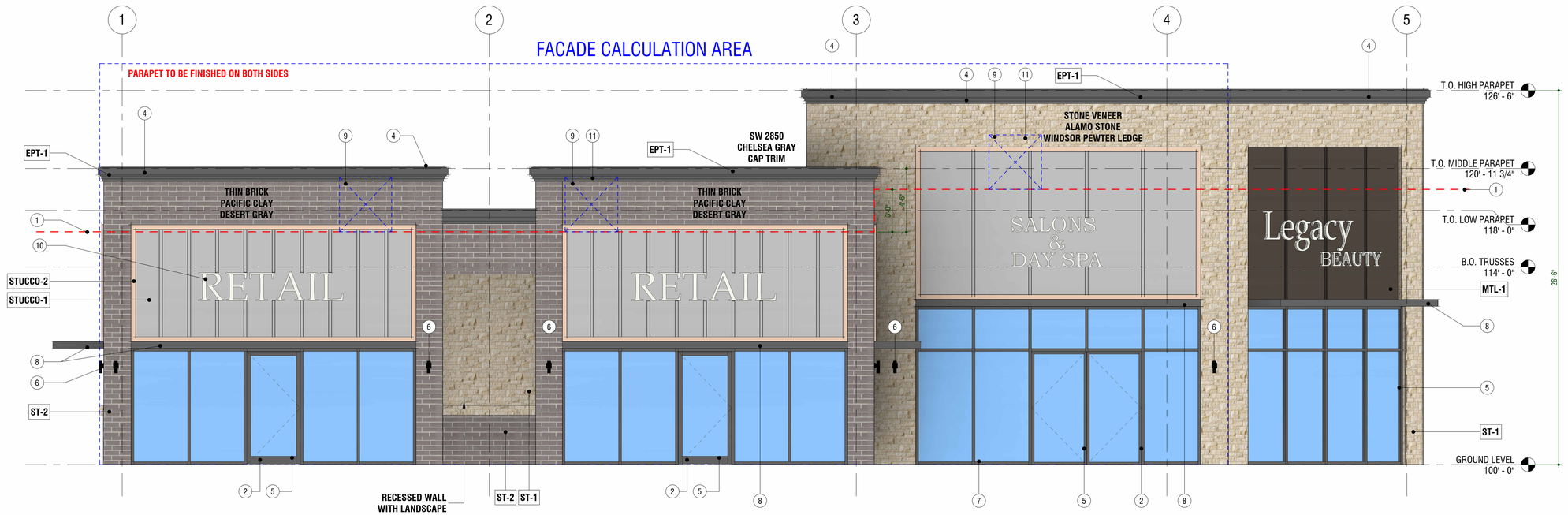
EXTERIOR FINISHING SCHEDULE

NO.	MATERIAL/ITEMS	DESCRIPTION	COLOR/FINISH
1	STONE VENEER	ALAMO STONE - LEDGESTONE	WINDSOR PEWTER LEDGE
2	STACKED STONE	OLD COUNTRY OR EQUAL	BIGHORN
3	STONE VENEER	PACIFIC CLAY PRODUCTS	THIN BRICK - DESERT GRAY
4	METAL PANEL	ALUCOBOND ACM OR EQUAL	STATUARY BRONZE
5	WINDOWS (STOREFRONT)	PELLA ARCHITECT SERIES OR EQUAL	METAL - MATTE BLACK
6	EXTERIOR DOORS	ALUMINUM, PAINTED	METAL - MATTE BLACK
7	FASCIA	METAL, PAINTED	METAL - IRON ORE

KEYNOTES

1	LINE OF ROOF BEYOND
2	TENANT MAIN ENTRY
3	STONE VENEER. INSTALL PER MANUFACTURER SPECIFICATIONS
4	CORNICE LINE TO BE PAINTED EPT-1 GRAY
5	ANODIZED ALUMINUM STORE FRONT SYSTEM DOOR AND GLAZING
6	EXTERIOR LIGHTING
7	BREAK METAL TO MATCH STOREFRONT SYSTEM
8	METAL AWING. INSTALL PER MANUFACTURER SPECIFICATIONS
9	RTU/HVAC SYSTEM. INSTALL PER MANUFACTURER SPECIFICATIONS
10	SIGNAGE. INSTALL PER MANUFACTURER SPECIFICATIONS
11	RTU SCREENING SYSTEM TO MEET CITY REQUIREMENT, INSTALL PER MANUFACTURER SPECIFICATIONS

SOUTH		
EXTERIOR MATERIALS PERCENTAGES		
TOTAL FACADE AREA		1614.99 SF
WINDOWS DOORS		412.61
AREA BALANCE		1202.38 SF
MATERIAL	AREA	PERCENTAGE
STONE	460.22 SF	38%
METAL	-	-
BRICK	251.60 SF	21%
STUCCO	490.56 SF	41%
TOTAL	1202.38 SF	100%



1 SOUTH ELEVATION
1/4" = 1'-0"

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WITNESS OUR HANDS, this _____ day of _____, _____.

_____ Planning & Zoning Commission, Chairman

_____ Director of Planning and Zoning

ARCHITECTURE

ARCHITECT
B+A ARCHITECTURE
600 BROADWAY BLVD, SUITE 290
KANSAS CITY, MO 64105
PH: 816-753-6100

SKYRIDGE RETAIL BUILDING

LOT 2 - 2200 RIDGE RD, ROCKWALL, TX 75087

SEAL

NOT FOR CONSTRUCTION

Issue Date: 02/03/2026

NO.	REVISION	DATE
1	REV-DEVELOPMENT#1	03.03.26
2	REV-DEVELOPMENT#2	04.03.26

DESIGNED BY: TT, NH
DRAWN BY: NH
CHECKED BY: TT

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BUILDING ELEVATIONS
A200

GENERAL NOTES

1. EXTERIOR COLORS ARE INDICATED BY MATERIAL MANUFACTURERS
2. ALL EXTERIOR MATERIAL TRANSITION, SILLS AND HEADERS WHICH ARE NOT CALLED OUT, MATCH TO WALL TRIM COLOR.
3. ROOF TOP UNITS (RTUs) TO BE SCREENED FROM VIEWS BY LOUVERED SCREENS IF IT IS VISIBLE FROM THE ROAD.
4. INSTALL ALL ROOF PENETRATIONS AND EQUIPMENT (IE; VENT PIPES; ROOF VENTILATORS) ON THE REAR SIDE OF THE ROOF, TO THE GREATEST EXTENT POSSIBLE

STONE VENEER
LEDGESTONE STYLE
WINDSOR PEWTER
LEDGE

STONE VENEER
THIN BRICK
DESERT GRAY

ACM PANEL
ALUCOBOND
STATUARY BRONZE

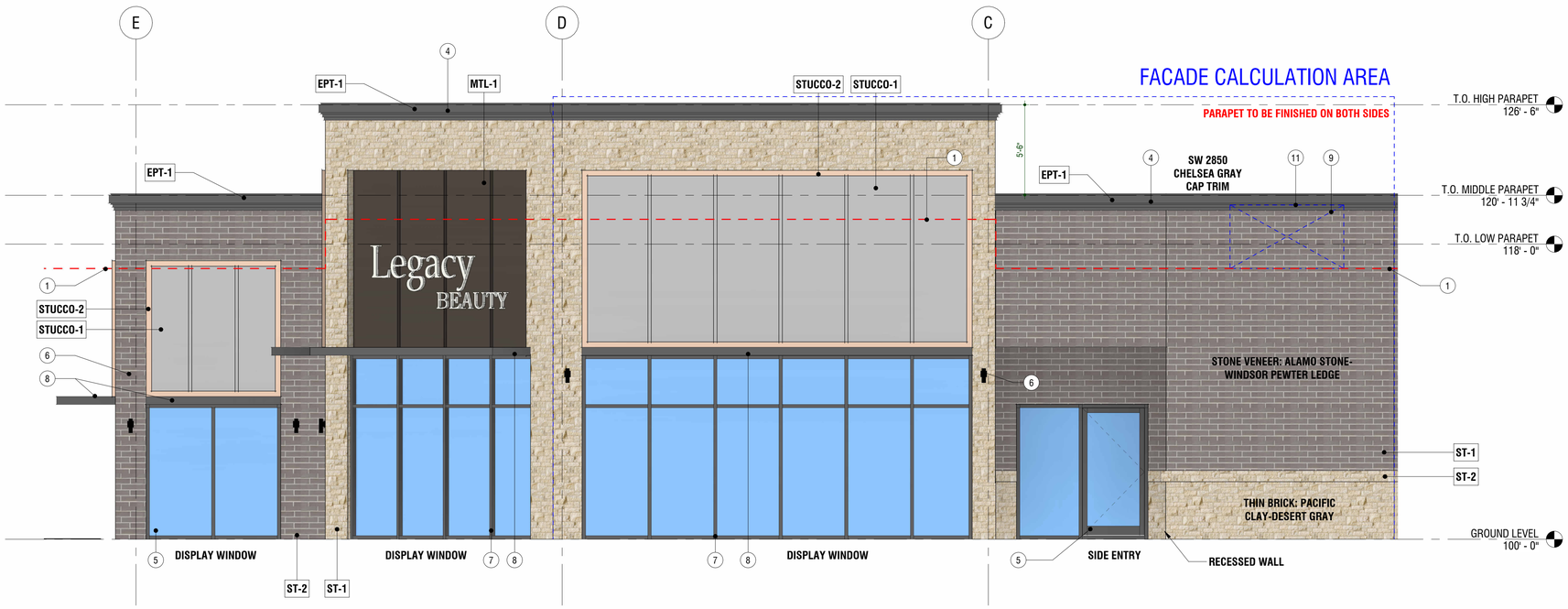
EXTERIOR FINISHING SCHEDULE

NO.	MATERIAL/ITEMS	DESCRIPTION	COLOR/FINISH
1	STONE VENEER	ALAMO STONE - LEDGESTONE	WINDSOR PEWTER LEDGE
2	STACKED STONE	OLD COUNTRY OR EQUAL	BIGHORN
3	STONE VENEER	PACIFIC CLAY PRODUCTS	THIN BRICK - DESERT GRAY
4	METAL PANEL	ALUCOBOND ACM OR EQUAL	STATUARY BRONZE
5	WINDOWS (STOREFRONT)	PELLA ARCHITECT SERIES OR EQUAL	METAL - MATTE BLACK
6	EXTERIOR DOORS	ALUMINUM, PAINTED	METAL - MATTE BLACK
7	FASCIA	METAL, PAINTED	METAL - IRON ORE

KEYNOTES

1	LINE OF ROOF BEYOND
2	TENANT MAIN ENTRY
3	STONE VENEER. INSTALL PER MANUFACTURER SPECIFICATIONS
4	CORNICE LINE TO BE PAINTED EPT-1 GRAY
5	ANODIZED ALUMINUM STORE FRONT SYSTEM DOOR AND GLAZING
6	EXTERIOR LIGHTING
7	BREAK METAL TO MATCH STOREFRONT SYSTEM
8	METAL AWING. INSTALL PER MANUFACTURER SPECIFICATIONS
9	RTU/HVAC SYSTEM. INSTALL PER MANUFACTURER SPECIFICATIONS
10	SIGNAGE. INSTALL PER MANUFACTURER SPECIFICATIONS
11	RTU SCREENING SYSTEM TO MEET CITY REQUIREMENT, INSTALL PER MANUFACTURER SPECIFICATIONS

EAST		
EXTERIOR MATERIALS PERCENTAGES		
TOTAL FACADE AREA	1800.85 SF	
WINDOWS DOORS	349.35 SF	
AREA BALANCE	1451.50 SF	
MATERIAL	AREA	PERCENTAGE
STONE	864.95 SF	60%
METAL	96.28 SF	7%
BRICK	323.77 SF	22%
STUCCO	166.50 SF	11%
TOTAL	1451.50 SF	100%



1 EAST ELEVATION
1/4" = 1'-0"

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WITNESS OUR HANDS, this _____ day of _____, _____.

_____ Planning & Zoning Commission, Chairman

_____ Director of Planning and Zoning

ARCHITECTURE

ARCHITECT
B+A ARCHITECTURE
600 BROADWAY BLVD, SUITE 290
KANSAS CITY, MO 64105
PH: 816-753-6100

SKYRIDGE RETAIL BUILDING

LOT 2 - 2200 RIDGE RD, ROCKWALL, TX 75087

SEAL

NOT FOR CONSTRUCTION

Issue Date: 02/03/2026

NO.	REVISION	DATE
1	REV-DEVELOPMENT#1	03.03.26
2	REV-DEVELOPMENT#2	04.03.26

DESIGNED BY: NH,TT
DRAWN BY: NH
CHECKED BY: TT

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BUILDING ELEVATIONS
A201
1 2

GENERAL NOTES

1. EXTERIOR COLORS ARE INDICATED BY MATERIAL MANUFACTURERS
2. ALL EXTERIOR MATERIAL TRANSITION, SILLS AND HEADERS WHICH ARE NOT CALLED OUT, MATCH TO WALL TRIM COLOR.
3. ROOF TOP UNITS (RTUs) TO BE SCREENED FROM VIEWS BY LOUVERED SCREENS IF IT IS VISIBLE FROM THE ROAD.
4. INSTALL ALL ROOF PENETRATIONS AND EQUIPMENT (IE; VENT PIPES; ROOF VENTILATORS) ON THE REAR SIDE OF THE ROOF, TO THE GREATEST EXTENT POSSIBLE

STONE VENEER
LEDGESTONE STYLE
WINDSOR PEWTER
LEDGE

STONE VENEER
THIN BRICK
DESERT GRAY

ACM PANEL
ALUCOBOND
STATUARY BRONZE

EXTERIOR FINISHING SCHEDULE

NO.	MATERIAL/ITEMS	DESCRIPTION	COLOR/FINISH
1	STONE VENEER	ALAMO STONE - LEDGESTONE	WINDSOR PEWTER LEDGE
2	STACKED STONE	OLD COUNTRY OR EQUAL	BIGHORN
3	STONE VENEER	PACIFIC CLAY PRODUCTS	THIN BRICK - DESERT GRAY
4	METAL PANEL	ALUCOBOND ACM OR EQUAL	STATUARY BRONZE
5	WINDOWS (STOREFRONT)	PELLA ARCHITECT SERIES OR EQUAL	METAL - MATTE BLACK
6	EXTERIOR DOORS	ALUMINUM, PAINTED	METAL - MATTE BLACK
7	FASCIA	METAL, PAINTED	METAL - IRON ORE

KEYNOTES

1	LINE OF ROOF BEYOND
2	TENANT MAIN ENTRY
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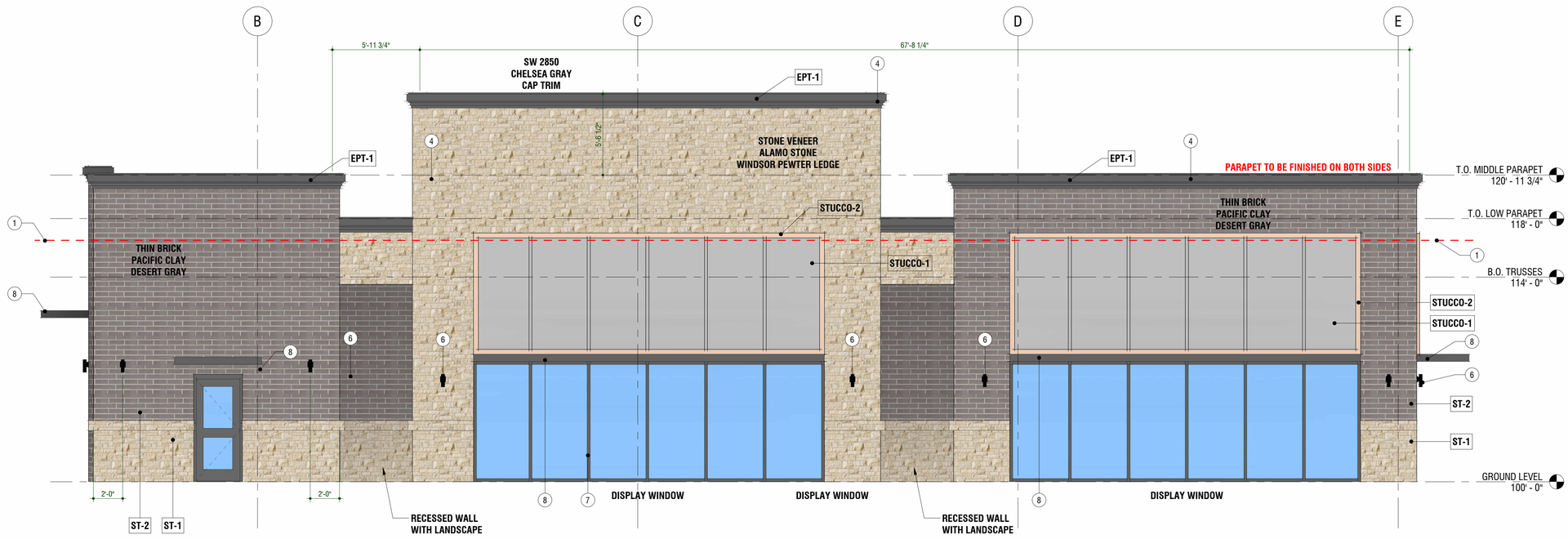
7	BREAK METAL TO MATCH STOREFRONT SYSTEM
8	METAL AWING. INSTALL PER MANUFACTURER SPECIFICATIONS
9	RTU/HVAC SYSTEM. INSTALL PER MANUFACTURER SPECIFICATIONS
10	SIGNAGE. INSTALL PER MANUFACTURER SPECIFICATIONS
11	RTU SCREENING SYSTEM TO MEET CITY REQUIREMENT, INSTALL PER MANUFACTURER SPECIFICATIONS

WEST		
EXTERIOR MATERIALS PERCENTAGES		
TOTAL FACADE AREA	1950.52 SF	
WINDOWS DOORS	551.32 SF	
AREA BALANCE	1399.20 SF	
MATERIAL	AREA	PERCENTAGE
STONE	577.08 SF	41%
BRICK	436.40 SF	32%
METAL	-	-
STUCCO	385.72 SF	27%
TOTAL	1399.20 SF	100%



1 WEST ELEVATION
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_____ Planning & Zoning Commission, Chairman

_____ Director of Planning and Zoning

B+A ARCHITECTURE

ARCHITECT
B+A ARCHITECTURE
600 BROADWAY BLVD, SUITE 290
KANSAS CITY, MO 64105
PH: 816-753-6100

SKYRIDGE RETAIL BUILDING
LOT 2 - 2200 RIDGE RD, ROCKWALL, TX 75087

SEAL

NOT FOR CONSTRUCTION

Issue Date: 02/03/2026

NO.	REVISION	DATE
1	REV-DEVELOPMENT#1	03.03.26
2	REV-DEVELOPMENT#2	04.03.26

DESIGNED BY: NH,TT
DRAWN BY: NH
CHECKED BY: TT

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BUILDING ELEVATIONS
A202

GENERAL NOTES

1. EXTERIOR COLORS ARE INDICATED BY MATERIAL MANUFACTURERS
2. ALL EXTERIOR MATERIAL TRANSITION, SILLS AND HEADERS WHICH ARE NOT CALLED OUT, MATCH TO WALL TRIM COLOR.
3. ROOF TOP UNITS (RTUs) TO BE SCREENED FROM VIEWS BY LOUVERED SCREENS IF IT IS VISIBLE FROM THE ROAD.
4. INSTALL ALL ROOF PENETRATIONS AND EQUIPMENT (IE; VENT PIPES; ROOF VENTILATORS) ON THE REAR SIDE OF THE ROOF, TO THE GREATEST EXTENT POSSIBLE

STONE VENEER
LEDGESTONE STYLE
WINDSOR PEWTER
LEDGE

STONE VENEER
THIN BRICK
DESERT GRAY

ACM PANEL
ALUCOBOND
STATUARY BRONZE

EXTERIOR FINISHING SCHEDULE

NO.	MATERIAL/ITEMS	DESCRIPTION	COLOR/FINISH
1	STONE VENEER	ALAMO STONE - LEDGESTONE	WINDSOR PEWTER LEDGE
2	STACKED STONE	OLD COUNTRY OR EQUAL	BIGHORN
3	STONE VENEER	PACIFIC CLAY PRODUCTS	THIN BRICK - DESERT GRAY
4	METAL PANEL	ALUCOBOND ACM OR EQUAL	STATUARY BRONZE
5	WINDOWS (STOREFRONT)	PELLA ARCHITECT SERIES OR EQUAL	METAL - MATTE BLACK
6	EXTERIOR DOORS	ALUMINUM, PAINTED	METAL - MATTE BLACK
7	FASCIA	METAL, PAINTED	METAL - IRON ORE

KEYNOTES

1	LINE OF ROOF BEYOND
2	TENANT MAIN ENTRY
3	STONE VENEER. INSTALL PER MANUFACTURER SPECIFICATIONS
4	CORNICE LINE TO BE PAINTED EPT-1 GRAY
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9	RTU/HVAC SYSTEM. INSTALL PER MANUFACTURER SPECIFICATIONS
10	SIGNAGE. INSTALL PER MANUFACTURER SPECIFICATIONS
11	RTU SCREENING SYSTEM TO MEET CITY REQUIREMENT, INSTALL PER MANUFACTURER SPECIFICATIONS

NORTH	
EXTERIOR MATERIALS PERCENTAGES	
TOTAL FACADE AREA	1208.88 SF
WINDOWS DOORS	271.31 SF
AREA BALANCE	937.57 SF

MATERIAL	AREA	PERCENTAGE
STONE	741.56 SF	79%
METAL	N/A	-
BRICK	196.01 SF	21%
STUCCO	N/A	-
TOTAL	937.57 SF	100%

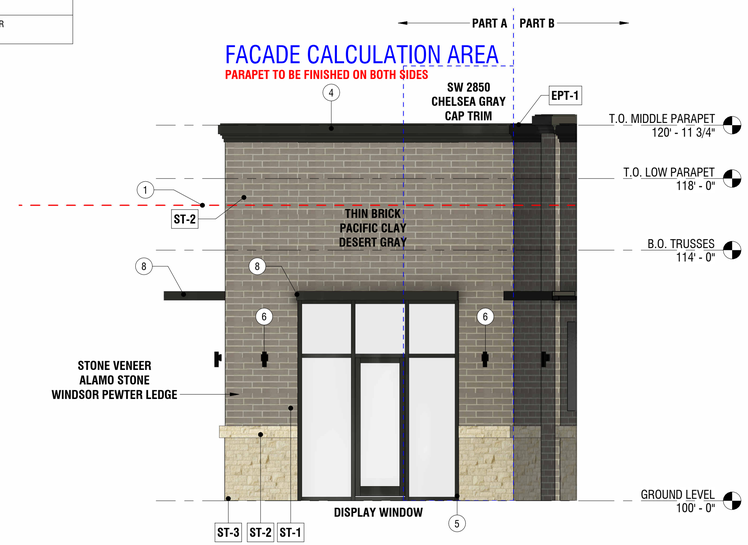
NORTHWEST	
EXTERIOR MATERIALS PERCENTAGES	
TOTAL FACADE AREA	962.82 SF
WINDOWS DOORS	100.65 SF
AREA BALANCE	862.17 SF

MATERIAL	AREA	PERCENTAGE
STONE	503.98 SF	58%
METAL	N/A	-
BRICK	284.73 SF	33%
STUCCO	73.46 SF	9%
TOTAL	862.17 SF	100%

FACADE CALCULATION AREA

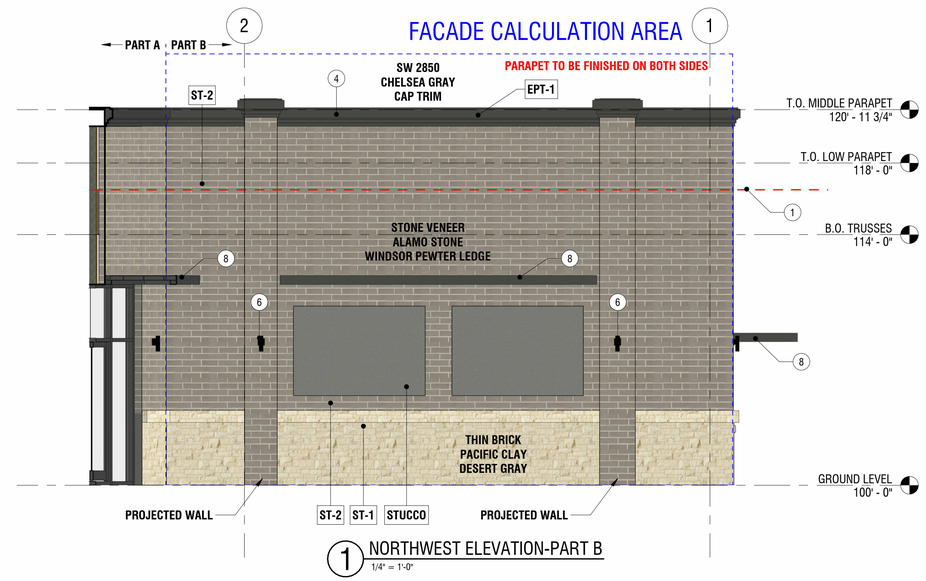
3 NORTH ELEVATION
1/4" = 1'-0"

FACADE CALCULATION AREA



2 NORTHWEST ELEVATION-PART A
1/4" = 1'-0"

FACADE CALCULATION AREA



1 NORTHWEST ELEVATION-PART B
1/4" = 1'-0"

APPROVED:
I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission of the City of Rockwall on the ____ day of _____, _____.

WITNESS OUR HANDS, this _____ day of _____, _____.

_____ Planning & Zoning Commission, Chairman

_____ Director of Planning and Zoning

ARCHITECTURE
ARCHITECT
B+A ARCHITECTURE
600 BROADWAY BLVD, SUITE 290
KANSAS CITY, MO 64105
PH: 816-753-6100

SKYRIDGE RETAIL BUILDING
LOT 2 - 2200 RIDGE RD, ROCKWALL, TX 75087

SEAL

NOT FOR CONSTRUCTION

Issue Date: 02/03/2026

NO.	REVISION	DATE
1	REV-DEVELOPMENT#1	03.03.26
2	REV-DEVELOPMENT#2	04.03.26

DESIGNED BY: NH,TT
DRAWN BY: NH
CHECKED BY: TT

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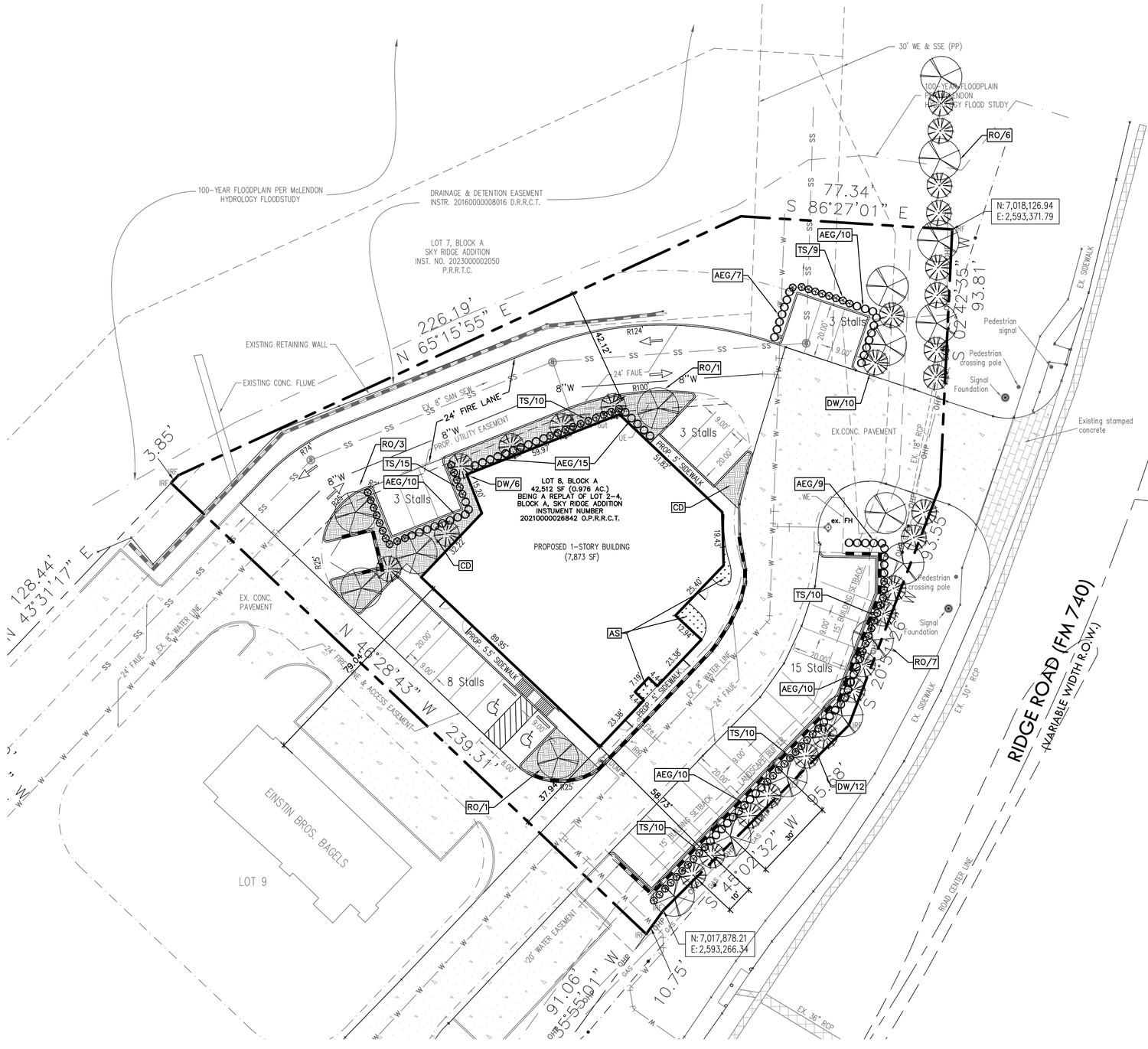
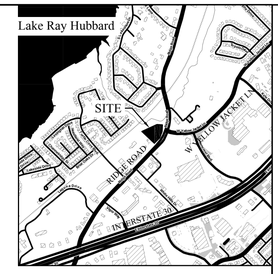
SCALES AS STATED HEREON ARE VALID ON THE ORIGINAL DRAWING ONLY. CONTRACTOR SHALL CAREFULLY REVIEW ALL DIMENSIONS AND CONDITIONS SHOWN HEREON AND AT ONCE REPORT TO THE ARCHITECT ANY ERROR INCONSISTENCY OR OMISSION DISCOVERED.

BUILDING ELEVATIONS
A203





VICINITY MAP
(NTS)

1. Overall Site Landscaping Percentage

- For **Commercial Districts**, the required landscaping is **20%** of the net lot area.

Required	Provided
20% x 42,512 sf = 8,502.40 sf	10,899 sf (26%)

2. Perimeter Landscaping (Buffers)

- **A. Street Frontage Landscaping:**
  - **Requirement: 10 feet** along all public street frontages.
  - **Canopy Trees: 3 canopy trees per 100 linear feet** of street frontage.
  - **Accent Trees: 4 accent trees per 100 linear feet** of street frontage.
  - **Shrubs/Groundcover:** The remaining area within the landscape strip must be covered with shrubs, groundcover, or turf).

Required	Provided
10' buffer	10'
Canopy trees = 293.79 LF * 3/100 = 9	13
Accent trees = 293.79 LF *4/100 = 12	22
3 shrubs/10 LF x 283.04 LF = 85 Shrubs	85

3. Interior Parking Lot Landscaping

- **Trees:**
  - **Number/Coverage: one (1) shade tree per 10 number of parking spaces** (1/10 x 35 spaces = 4 trees), or 20% of the parking lot area (20% x 5,760 sf = 1,152 sf).
  - **Island Requirements:** Landscaped islands are typically required at the end of every parking row and within longer rows (e.g., for every 10-15 spaces). These islands must accommodate at least one large canopy tree.
- **Shrubs/Groundcover:** All areas within interior landscape islands and strips must be fully planted with shrubs, groundcover, or turf.

Required	Provided
1 canopy tree/10 parking spaces x 32 = 3 trees	5
Accent trees	3
Shrubs	50
5,760 sf x 20% = 1,152 sf	1,985 sf (34%)

LANDCAPE LEGEND

	CD	COMMON BURMUDA GRASS SOD
	AS	ASIATIC JASMINE
	RO	TEXAS RED OAK
	DW	DESERT WILLOW
	AEG	EDWARD GOUCHER ABELIA
	TS	TEXAS SAGE
		PROPOSED RETAINING WALL

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_____ Planning & Zoning Commission, Chairman

_____ Director of Planning and Zoning

Henry Nguyen Consulting, LLC
Civil Engineering
1330 Glenfield Ave, Dallas, Texas 75224
(214) 773-4075 Email: henguyen@swbell.net
Texas Registered Engineering Firm F-16239

REVISIONS

Date	Description	Approved

SKYRIDGE RETAIL BUILDING
2200 RIDGE ROAD
ROCKWALL, TEXAS 75087

DESIGN HNC
DRAWN HNC
DATE 05/08/2026
Job#: 25001

STATE OF TEXAS
HENRY T. NGUYEN
71065
REGISTERED PROFESSIONAL ENGINEER

The seal appearing on this document was authorized by Henry Nguyen, P.E. 71065. Alteration of a sealed document with out proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.

LANDSCAPE PLAN

L1

May 08,2026 3:25pm henguy
C:\Users\henguy\OneDrive\Henry Nguyen Consulting\Projects\Active\25001-SKY RIDGE ADDITION\18-SHEET_SETS\L1-LANDSCAPE.dwg

VICINITY MAP
(NTS)

GENERAL LAWN NOTES

1. ALL LANDSCAPE/TURF AREAS TO BE INSTALLED WITH AUTOMATIC IRRIGATION SYSTEM MEETING CITY AND TCEQ STANDARD.
2. CONTRACTOR SHALL LEAVE LAWN AREAS 4" BELOW FINAL FINISHED GRADE PRIOR TO TOPSOIL INSTALLATION.
3. CONTRACTOR TO APPLY 4" CLEAN TOPSOIL TO ALL TURF AREAS PRIOR TO INSTALLATION OF SOD OR HYDROMULCH
4. CONTRACTOR SHALL FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS AS INDICATED ON CIVIL PLANS. ADJUST CONTOURS TO ACHIEVE POSITIVE DRAINAGE AWAY FROM BUILDINGS. PROVIDE UNIFORM ROUNDING AT TOP AND BOTTOM OF SLOPES AND OTHER BREAKS IN GRADE. CORRECT IRREGULARITIES AND AREAS WHERE WATER MAY STAND.
5. LAWN AREAS SHALL BE FINE GRADED, IRRIGATION TRENCHES COMPLETELY SETTLED AND FINISH GRADE
6. REMOVE ROCKS 3/4" DIAMETER AND LARGER, DIRT CLODS, STICKS, CONCRETE SPOILS, ETC. PRIOR TO PLACING TOPSOIL AND LAWN INSTALLATION.
7. GUARANTEE ESTABLISHMENT OF ACCEPTABLE TURF AREA AND PROVIDE REPLACEMENT FROM LOCAL SUPPLY IF NECESSARY.
8. PLANT SOD BY HAND TO COVER INDICATED AREAS COMPLETELY, ENSURE EDGES OF SOD ARE TOUCHING. TOP DRESS JOINTS BY HAND WITH TOPSOIL TO FILL VOIDS.
9. ROLL GRASS AREAS TO ACHIEVE A SMOOTH, EVEN SURFACE, FREE FROM UNNATURAL UNDULATIONS.
10. WATER SOD THOROUGHLY AS SOD REESTABLISHMENT PROGRESSES.
11. IF INSTALLATION OCCURS BETWEEN SEPTEMBER 1 AND MARCH 1, OVER-SEED BERMUDA GRASS SOD WITH WINTER RYEGRASS, AT A RATE OF FOUR (4) POUNDS PER ONE THOUSAND (1000) SQUARE FEET.

CUSTOM PLANTING SOIL:

AMENDED SOIL (IN SHRUB PLANTING BEDS & AT TREES)
PRODUCT: LANDSCAPERS BLEND (50/50)
DEPTH: 6" (TILLED INTO 6" OF EXISTING SOIL FOR A TOTAL DEPTH OF 12")
SUPPLIER: SOIL BUILDING SYSTEMS
CONTACT: 972-831-8181
INSTALLATION: PER SOIL BUILDING SYSTEMS SPECIFICATIONS

STEEL EDGING:

METAL EDGING TO SEPARATE PLANTING BEDS FROM ADJACENT TURF
PRODUCT: DURAEDGE
SIZE: 3/16" THICK x 4" HEIGHT x 16' LENGTH

NOTES: METAL EDGING SHALL NOT BE INSTALLED PARALLEL AGAINST CURBS AND SIDEWALKS. METAL EDGING SHALL BE TRIMMED WHERE IT ABUTTS SIDEWALKS AND CURBS TO AVOID SHARP EDGES.

IRRIGATION:

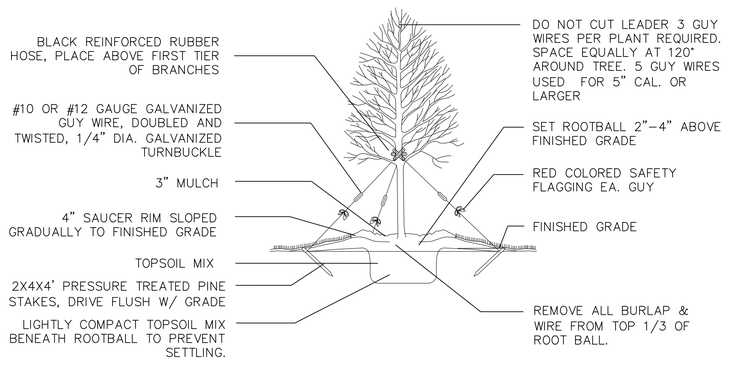
ALL REQUIRED LANDSCAPE AREAS SHALL HAVE AN AUTOMATIC IRRIGATION SYSTEM WITH A FREEZE/RAIN SENSOR. SYSTEM SHALL ALSO HAVE AN ET WEATHER BASED CONTROLLER AND BE DESIGNED AND INSTALLED BY A LICENSED IRRIGATOR. THE IRRIGATION WILL MEET THE REQUIREMENT OF THE UDC.

PLANT LIST

SYMBOL	BOTANIC NAME	COMMON NAME	QTY.	UNIT	SIZE	NOTES
*						
GROUND COVER						
CD	CYNODON DACTYLON	COMMON BURMUDA GRASS SOD	1820	SF		SOLID SOD PER INDUSTRY STANDARD
AS	TRACHELOSPERMUM	ASITIC JASMINE	165	SF		
*						
TREES AND SHRUBS						
RO	QUERCUS BUCKLEYI	TEXAS RED OAK	18	EA	4" CALIPER	SPACING PER PLAN
DW	CHILOPSIS LINEARIS	DESERT WILLOW	25	EA	4' HEIGHT	SPACING PER PLAN
AEG	ABELIA X 'EDWARD GOUCHER'	EDWARD GOUCHER ABELIA	71	EA	5 GAL	24" HEIGHT SPACED 36" O.C. MIN.
TS	LEUCOPHYLLUM FRUTESCENS	TEXAS SAGE	64	EA	5 GAL	24" HEIGHT SPACED 36" O.C. MIN.

A SHRUB PLANTING DETAIL

SCALE: NONE



B TREE PLANTING DETAIL

SCALE: NONE

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REVISIONS

Date	Description	Approved

SKYRIDGE RETAIL BUILDING
2200 RIDGE ROAD
ROCKWALL, TEXAS 75087

DESIGN	HNC
DRAWN	HNC
DATE	05/08/2026

Job#: 25001

STATE OF TEXAS
HENRY T. NGUYEN
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REGISTERED PROFESSIONAL ENGINEER

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LANDSCAPE PLAN

L2

May 08,2026 3:26pm henguy
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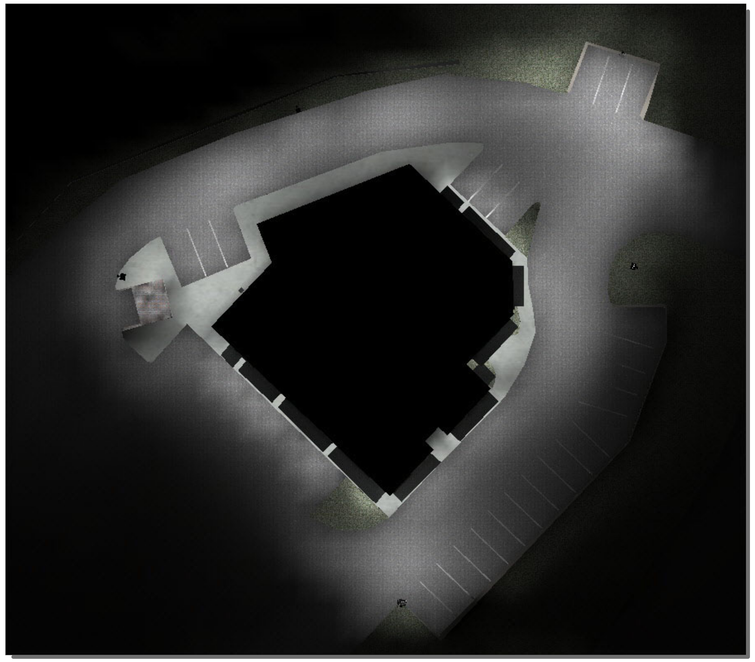

BIRD'S EYE VIEW

RENDERING FROM SOUTH-EAST

CALCULATION SUMMARY IN FOOT-CANDLES

AREA	Avg	Max	Min	Max/Min
PROPERTY LINE	0.0	0.2	0.0	N.A.
SHARED PARKING LOT	0.0	0.2	0.0	N.A.
SOUTH-WEST PARKING	2.0	7.6	0.1	76.0
NORTH- EAST PARKING	2.6	8.4	0.1	84.0

**The allowable maximum light intensity measured at the property line of a non-residential property shall be 0.2 of one foot candle.

INFORMATION CONTAINED IN THIS DOCUMENT IS FOR REVIEW PURPOSES ONLY. REFERENCES, RECOMMENDED PRACTICES, AND INDUSTRY STANDARDS ARE FOR LIGHT LEVEL & CALCULATION PURPOSES. THE USE OF THIS DOCUMENT FOR FINAL CONSTRUCTION DOCUMENTS IS STRICTLY PROHIBITED.

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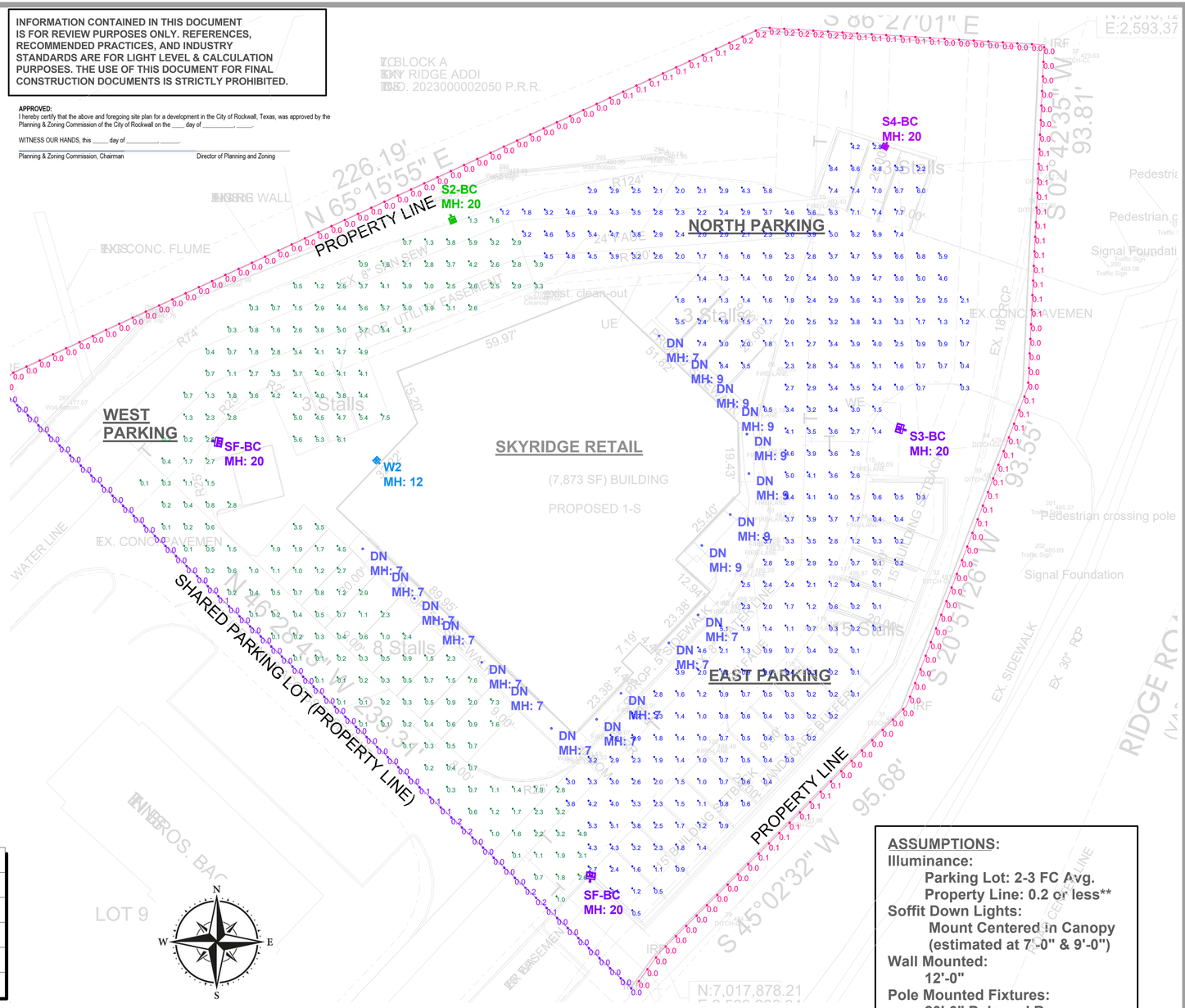
Planning & Zoning Commission, Chairman — Director of Planning and Zoning



SITE LIGHTING PHOTOMETRICS

ASSUMPTIONS:
Illuminance:
Parking Lot: 2-3 FC Avg.
Property Line: 0.2 or less**
Soffit Down Lights:
Mount Centered in Canopy (estimated at 7'-0" & 9'-0")
Wall Mounted:
12'-0"
Pole Mounted Fixtures:
20'-0" Pole and Base
Calculations Points @ Grade

LIGHTING FIXTURE SCHEDULE

SYB.	TAG	QTY.	MODEL	DISCRIPTION	LLF	WATTS	LUMENS
	W2	1	VPW2-18L-39-3K7-2	BEACON VIPER-WALL PACK-3000°K-TYPE II OPTICS	0.900	38.8	4683
	SF-BC	2	VP-2-320L-145-3K7-4F-HSS-270-BSS	BEACON VIPER-MICROSTRIKE-3000°K-TYPE IV FORWRD-OPTICS	0.900	145.6	14491
	S4-BC	1	VP-2-320L-210-3K7-4W-BC	BEACON VIPER-MICROSTRIKE-3000°K-TYPE IV -BACK CONTROL	0.900	213.9	15600
	S3-BC	1	VP-2-320L-235-3K7-3-BC	BEACON VIPER-MICROSTRIKE-3000°K-TYPE III -BACK CONTROL	0.900	238	18264
	S2-BC	1	VP-2-320L-235-3K7-2-BC	BEACON VIPER-MICROSTRIKE-3000°K-TYPE II -BACK CONTROL	0.900	238	16185
	DN	19	NU4-RD-SW-30LM-30K-LOPRO	ALAPHABET-4 IN- ROUND-3000°K-LOW PROFILE HOUSING	0.900	26.72	2234

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convergence
103 E 18th Avenue
North Kansas City, MO 64116
Phone: (816) 581-6300

SKYRIDGE RETAIL
LOT 2 - 2200 RIDGE RD,
ROCKWALL, TX 75087

CALC-0242-SKYRIDGE RETAIL-ROCKWALL-TX-REV-03

DESIGNED BY:	RMD
REVISIONS	
REV-01: NEW PLAN & PL REQ.	
REV-02: ADD NEW CIVIL DWG	
REV-03: PROPERTY LINE =< 0.2	
DATE:	4/29/2026

BEACON
design . performance . technology

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

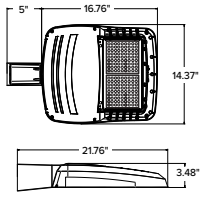
MICRO STRIKE | SILICONE STRIKE | OPTICS STRIKE

FEATURES

- Low profile LED area/site luminaire with a variety of IES distributions for lighting applications such as auto dealership, retail, commercial, and campus parking lots
- Featuring two different optical technologies, Strike and Micro Strike Optics, which provide the best distribution patterns for retrofit or new construction
- Rated for high vibration applications including bridges and overpasses. All sizes are rated for 1.5G
- Control options including photo control, occupancy sensing, NX Lighting Controls™, LightGRID+ and 7-Pin with networked controls
- New customizable lumen output feature allows for the wattage and lumen output to be customized in the factory to meet whatever specification requirements may entail
- Field interchangeable mounting provides additional flexibility after the fixture has shipped

c UL us IP65 IP66 DLC LISTED DLC LISTED PREMIUM ida DARK SKY APPROVED 2016 BAA TAA

SIZE 1



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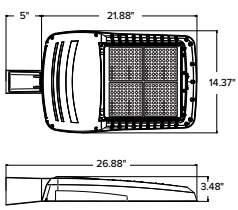

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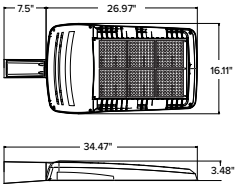

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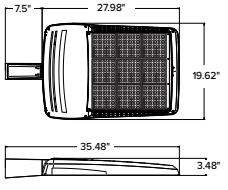

CONTROL TECHNOLOGY

NX CONNECT NX WIRED NX WIRELESS LIGHTGRID+

SERVICE PROGRAMS

STOCK QS10

SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with 1000 hour powder coat paint finish
- External hardware is corrosion resistant

OPTICS

- Micro Strike Optics (160, 320, 480, or 720 LED counts) maximize uniformity in applications and come standard with mid-power LEDs which evenly illuminate the entire luminous surface area to provide a low glare appearance. Catalog logic found on page 2
- Strike Optics (36, 72, 108, or 162 LED counts) provide best in class distributions and maximum pole spacing in new applications with high powered LEDs. Strike optics are held in place with a polycarbonate bezel to mimic the appearance of the Micro Strike Optics so both solutions can be combined on the same application. Catalog logic found on page 3
- Silicone Strike Optics (40, 80, 120, or 180 LED counts) maximize uniformity in applications and provides the highest LPW. These include an integral gasket allowing for IP66 rating. Catalog logic found on page 4.
- All optics maximize target zone illumination with minimal losses at the house-side, reducing light trespass issues. Additional backlight control shields and house side shields can be added for further reduction of illumination behind the pole
- One-piece silicone gasket ensures a weatherproof seal
- Zero up-light at 0 degrees of tilt
- Field rotatable optics

INSTALLATION

- Mounting patterns for each arm can be found on page 11
- Optional universal mounting block for ease of installation during retrofit applications. Available as an option (ASQU) or accessory for square and round poles
- All mounting hardware included

INSTALLATION (CONTINUED)

- Knuckle arm fitter option available for 2-3/8" OD tenon
- For products with EPA less than 1 mounted to a pole greater that 20ft, a vibration damper is recommended

ELECTRICAL

- Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz
- Ambient operating temperature -40˚C to 40˚C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- Field replaceable surge protection device provides 20kA protection meeting ANSI/ IEEE C62.41.2 Category C High and Surge Location Category C3; Automatically takes fixture off-line for protection when device is compromised
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options cannot be combined

CONTROLS

- Photo control, occupancy sensor programmable controls, and Zigbee wireless controls available for complete on/off and dimming control
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- 0-10V Dimming Drivers are standard. Select CD option to have dimming leads extended outside the luminaire. Must specify if wiring leads are to be greater than the 6" standard.

	EPA				
	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	Config.
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	
Four at 90	1.166	1.422	1.714	1.896	

CONTROLS (CONTINUED)

- NX Lighting Controls™ available with in fixture wireless control module, features dimming and occupancy sensor
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor. Also available in 7-pin configuration

CERTIFICATIONS

- DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Not all product variations listed in this document are DLC® qualified. Refer to http://www.designlights.org for the most up-to-date list.
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40˚C ambient temperatures
- 1.5 G rated for ANSI C136.31 high vibration applications
- Fixture is IP65 rated with Strike and Microstrike optics. Fixture is IP66 rated with Silicone Strike optics.
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy America(n) Solutions (link to https://www.currentlighting.com/resources/america-solutions).
- FCC CFR Title 47 Part 15, Class A

WARRANTY

- 5 year warranty

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BEACON
design . performance . technology

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

MICROSTRIKE OPTICS – ORDERING GUIDE

Gray Shading = Service Program Limit of 15 luminaires QS10

Example: VP–2–320L-145–3K7–2–R–UNV–A3–BLT

CATALOG #

VP –

Series	
VP	Viper

Optic Platform	
Micro Strike	

Size	
1	Size 1
2	Size 2
3	Size 3
4	Size 4

Light Engine	
160L-35 [6]	5500 lumens
160L-50 [6]	7500 lumens
160L-75	10000 lumens
160L-100	12500 lumens
160L-115	15000 lumens
160L-135	18000 lumens
160L-160	21000 lumens
320L-145	21000 lumens
320L-170	24000 lumens
320L-185	27000 lumens
320L-210	30000 lumens
320L-235	33000 lumens
320L-255	36000 lumens
320L-315 [6]	40000 lumens
480L-285	40000 lumens
480L-320	44000 lumens
480L-340	48000 lumens
480L-390	52000 lumens
480L-425	55000 lumens
480L-470	60000 lumens
720L-435	60000 lumens
720L-475	65000 lumens
720L-515	70000 lumens
720L-565 [6]	75000 lumens
720L-600 [6]	80000 lumens
CLO	Custom Lumen Output [1]

CCT/CRI	
AP	AP-Amber Phosphor Converted
27K8	2700K, 80 CRI
3K7	3000K, 70 CRI
3K8	3000K, 80 CRI
35K8	3500K, 80 CRI
3K9	3000K, 90 CRI
4K7	4000K, 70 CRI
4K8	4000K, 80 CRI
4K9	4000K, 90 CRI
5K7	5000K, 70 CRI
5K8	5000K, 80 CRI

Distribution	
2	Type 2
3	Type 3
4F	Type 4 Forward
4W	Type 4 Wide
5QW	Type 5 Square Wide

Optic Rotation	
BLANK	**No Rotation**
L	Optic rotation left
R	Optic rotation right

Voltage	
UNV	120-277V
120	120V
208	208V
240	240V
277	277V
347	347V
480	480V

Mounting	
A	Arm mount for square pole/flat surface (B3 Drill Pattern) (Does not include round pole adapter)
A_	Arm mount for round pole [2]
ASQU	Universal arm mount for square pole. Can be used with B3 or S2 Drill Pattern
A_U	Universal arm mount for round pole [2]
AAU	Adjustable arm for pole mounting (universal drill pattern)
AA_U	Adjustable arm mount for round pole [2]
ADU	Decorative upswept Arm (universal drill pattern)
AD_U	Decorative upswept arm mount for round pole [2]
MAF	Mast arm fitter for 2-3/8" OD horizontal arm
K	Knuckle
T	Trunnion
WB	Wall Bracket, horizontal tenon with MAF
WM	Wall mount bracket with decorative upswept arm
WA	Wall mount bracket with adjustable arm

Color	
BLT	Black Matte Textured
BLS	Black Gloss Smooth
DBT	Dark Bronze Matte Textured
DBS	Dark Bronze Gloss Smooth
GTT	Graphite Matte Textured
LGS	Light Grey Gloss Smooth
LGT	Light Grey Gloss Textured
PSS	Platinum Silver Smooth
WHT	White Matte Textured
WHS	White Gloss Smooth
VGT	Verde Green Textured

Color Option	
CC	Custom Color

Options	
F	Fusing
2PF	Dual Power Feed
2DR	Dual Driver
TE	Tooless Entry
BC	Backlight Control [8]
TB	Terminal Block
CD	Customer Dimming

Network Control Options	
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,3,4]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,3,4]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [3,4]
WIR	LightGRID+ In-Fixture Module [3,4]
WIRSC	LightGRID+ Module and Occupancy Sensor [3,4]

Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
7PR	7-Pin Receptacle [4]
7PR-SC	7-Pin Receptacle with shorting cap [4]
7PR-TL	7-Pin PCR with photocontrol
3PR	3-Pin twist lock [4]
3PR-SC	3-Pin receptacle with shorting cap [4]
3PR-TL	3-Pin PCR with photocontrol [4]

Programmed Controls	
SCP-_F	Sensor Control Programmable, 8F or 40F [9]
ADD	AutoDim Timer Based Dimming [10]
ADT	AutoDim Time of Day Dimming [10]

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information
2 – Replace "_" with "3" for 3.5"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
3 – Networked Controls cannot be combined with other control options
4 – Not available with 2PF option
5 – Not available with Dual Driver option
6 – Some voltage restrictions may apply when combined with controls
7 – Not available with 480V
8 – BC not available on 4F and type 5 distributions
9 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.
10 - Please refer to page 8 for AutoDim ordering guide

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VIPER Area/Site

VIPER LUMINAIRE

STRIKE OPTIC – ORDERING GUIDE

Example: VP–ST–1–36L-39–3K7–2–UNV–A–BLT

CATALOG #

VP –

Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper	**ST** Strike	**1** Size 1	**36L-39** [8] 5500 lumens	**AM** monochromatic amber, 595nm	**FR** Auto Front Row	**BLANK** No Rotation	**UNV** 120-277V
			36L-55 [8] 7500 lumens	**27K8** 2700K, 80 CRI	**2** Type 2	**L** Optic rotation left	**120** 120V
			36L-85 10000 lumens	**3K7** 3000K, 70 CRI	**3** Type 3	**R** Optic rotation right	**208** 208V
			36L-105 12500 lumens	**3K8** 3000K, 80 CRI	**4F** Type 4 Forward		**240** 240V
			36L-120 14000 lumens	**3K9** 3000K, 90 CRI	**4W** Type 4 Wide		**277** 277V
		2 Size 2	**72L-115** 15000 lumens	**35K8** 3500K, 80 CRI	**5QN** Type 5 Square Narrow		**347** 347V
			72L-145 18000 lumens	**4K7** 4000K, 70 CRI	**5QW** Type 5 Square Wide		**480** 480V
			72L-180 21000 lumens	**4K8** 4000K, 80 CRI	**5QM** Type 5 Square Medium		
			72L-210 24000 lumens	**4K9** 4000K, 90 CRI	**5W** Type 5 Wide (Round)		
			72L-240 27000 lumens	**5K7** 5000K, 70 CRI	**5RW** Type 5 Rectangular		
		3 Size 3	**108L-215** [8] 27000 lumens	**5K8** 5000K, 80 CRI	**C** Corner Optic		
			108L-250 30000 lumens		**TC** Tennis Court Optic		
			108L-280 33000 lumens				
			108L-325 36000 lumens				
			108L-365 40000 lumens				
		4 Size 4	**162L-320** 40000 lumens				
			162L-365 [10] 44000 lumens				
			162L-405 48000 lumens				
			162L-445 52000 lumens				
			162L-485 55000 lumens				
			162L-545 [8] 60000 lumens				
			CLO Custom Lumen Output [1]				

–

Mounting	Color	Options
A Arm mount for square pole/flat surface	**BLT** Black Matte Textured	**F** Fusing
A_ Arm mount for round pole [3]	**BLS** Black Gloss Smooth	**E** Battery Backup [1,2,7,8,9]
ASQU Universal arm mount for square pole	**DBT** Dark Bronze Matte Textured	**2PF** Dual Power Feed
A_U Universal arm mount for round pole [3]	**DBS** Dark Bronze Gloss Smooth	**2DR** Dual Driver
AAU Adjustable arm for pole mounting (universal drill pattern)	**GTT** Graphite Matte Textured	**TE** Tooless Entry
AA_U Adjustable arm mount for round pole [3]	**LGS** Light Grey Gloss Smooth	**BC** Backlight Control
ADU Decorative upswept Arm (universal drill pattern)	**LGT** Light Grey Gloss Textured	**TB** Terminal Block
AD_U Decorative upswept arm mount for round pole [3]	**PSS** Platinum Silver Smooth	**CD** Customer Dimming
MAF Mast arm fitter for 2-3/8" OD horizontal arm	**WHT** White Matte Textured	
K Knuckle	**WHS** White Gloss Smooth	
T Trunnion	**VGT** Verde Green Textured	
WB Wall Bracket, horizontal tenon with MAF	**Color Option**	
WM Wall mount bracket with decorative upswept arm	**CC** Custom Color	
WA Wall mount bracket with adjustable arm		

Network Control Options	
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [4,5]
WIR	LightGRID+ In-Fixture Module [4,5]
WIRSC	LightGRID+ Module and Occupancy Sensor [4,5]
Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
7PR	7-Pin Receptacle [4]
7PR-SC	7-Pin Receptacle with shorting cap [4]
7PR-TL	7-Pin PCR with photocontrol
3PR	3-Pin twist lock [4]
3PR-SC	3-Pin receptacle with shorting cap [4]
3PR-TL	3-Pin PCR with photocontrol [4]
Programmed Controls	
SCP-_F	Sensor Control Programmable, 8F or 40F [11]
ADD	AutoDim Timer Based Dimming [12]
ADT	AutoDim Time of Day Dimming [12]

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information
2 – Battery temperature rating -20C to 55C
3 – Replace "_" with "3" for 3.5"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
4 – Networked Controls cannot be combined with other control options
5 – Not available with 2PF option
6 – Not available with 480V
7 – Not available with 347 or 480V
8 – Not available with Dual Driver option
9 – Only available in Size 1 housing, up to 105 Watts
10 – Some voltage restrictions may apply when combined with controls
11 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.
12 - Please refer to page 8 for AutoDim ordering guide

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DATE: LOCATION:

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VIPER Area/Site

VIPER LUMINAIRE

SILICONE STRIKE OPTIC – ORDERING GUIDE

Example: VP-SS-1-40L-75-4K7-4W-UNV-ASQU-BLT

CATALOG #

VP – | – | – | – | – | – | – | – | –

Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper	**SS** Strike Silicone	**1** Size 1	**40L-35** 35W, 5,500 Lumens	**22K7** 2200K, 70 CRI	**2** Type 2	**BLANK** No Rotation	**UNV** 120-277V
			40L-55 55W, 7,500 Lumens	**27K7** 2700K, 70 CRI	**3** Type 3	**L** Optic rotation left	**120** 120V
			40L-65 65W, 10,000 Lumens	**27K8** 2700K, 80 CRI	**4W** Type 4 Wide	**R** Optic rotation right	**208** 208V
			40L-80 80W, 12,500 Lumens	**3K7** 3000K, 70 CRI	**4F** Type 4 Forward		**240** 240V
			40L-100 100W, 15,000 Lumens	**3K8** 3000K, 80 CRI	**5QM** Type 5 Square Medium		**277** 277V
			40L-120 120W, 17,500 Lumens	**35K8** 3500K, 80 CRI	**5QW** Type 5 Square Wide		**347** 347V
			40L-140 140W, 20,000 Lumens	**4K7** 4000K, 70 CRI			**480** 480V
			40L-170 170W, 22,500 Lumens	**4K8** 4000K, 80 CRI			
			40L-195 195W, 25,000 Lumens	**5K7** 5000K, 70 CRI			
		2 Size 2	**80L-75** 75W, 12,500 Lumens	**5K8** 5000K, 80 CRI			
			80L-90 90W, 15,000 Lumens				
			80L-105 105W, 17,500 Lumens				
			80L-130 130W, 21,000 Lumens				
			80L-155 155W, 24,000 Lumens				
			80L-175 175W, 27,000 Lumens				
			80L-205 205W, 30,000 Lumens				
			80L-225 225W, 33,000 Lumens				
			80L-250 250W, 36,000 Lumens				
			80L-280 280W, 40,000 Lumens				
		3 Size 3	**120L-190** 190W, 30,000 Lumens				
			120L-205 205W, 33,000 Lumens				
			120L-230 230W, 36,000 Lumens				
			120L-265 265W, 40,000 Lumens				
			120L-295 295W, 44,000 Lumens				
			120L-320 320W, 48,000 Lumens				
			120L-355 355W, 52,000 Lumens				
			120L-380 380W, 55,000 Lumens				
			120L-420 420W, 60,000 Lumens				
		4 Size 4	**180L-275** 275W, 44,000 Lumens				
			180L-295 295W, 48,000 Lumens				
			180L-335 335W, 52,000 Lumens				
			180L-360 360W, 55,000 Lumens				
			180L-395 395W, 60,000 Lumens				
			180L-435 435W, 65,000 Lumens				
			180L-470 470W, 70,000 Lumens				
			180L-510 510W, 75,000 Lumens				
			180L-550 550W, 80,000 Lumens				

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VIPER Area/Site

VIPER LUMINAIRE

SILICONE STRIKE OPTIC – ORDERING GUIDE (CONTINUED)

Mounting	
A	Arm mount for square pole/flat surface
A_	Arm mount for round pole [3]
ASQU	Universal arm mount for square pole
A_U	Universal arm mount for round pole [3]
AAU	Adjustable arm for pole mounting (universal drill pattern)
AA_U	Adjustable arm mount for round pole [3]
ADU	Decorative upswept Arm (universal drill pattern)
AD_U	Decorative upswept arm mount for round pole [3]
MAF	Mast arm fitter for 2-3/8" OD horizontal arm
K	Knuckle
T	Trunnion
WB	Wall Bracket, horizontal tenon with MAF
WM	Wall mount bracket with decorative upswept arm
WA	Wall mount bracket with adjustable arm

Color	
BLT	Black Matte Textured
BLS	Black Gloss Smooth
DBT	Dark Bronze Matte Textured
DBS	Dark Bronze Gloss Smooth
GTT	Graphite Matte Textured
LGS	Light Grey Gloss Smooth
LGT	Light Grey Gloss Textured
PSS	Platinum Silver Smooth
WHT	White Matte Textured
WHS	White Gloss Smooth
VGT	Verde Green Textured

Color Option	
CC	Custom Color

Options	
BC	Backlight Control (3%)
MBC	Max Backlight Control (1.5%)
LCC	Left Corner Control
RCC	Right Corner Control
F	Fusing
E	Battery Backup [1,2,7,8,9]
2PF	Dual Power Feed
2DR	Dual Driver
TE	Tooless Entry
TB	Terminal Block
CD	Customer Dimming

Network Control Options	
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [4,5]
WIR	LightGRID+ In-Fixture Module [4,5]
WIRSC	LightGRID+ Module and Occupancy Sensor [4,5]

Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
7PR	7-Pin Receptacle [4]
7PR-SC	7-Pin Receptacle with shorting cap [4]
7PR-TL	7-Pin PCR with photocontrol
3PR	3-Pin twist lock [4]
3PR-SC	3-Pin receptacle with shorting cap [4]
3PR-TL	3-Pin PCR with photocontrol [4]

Programmed Controls	
SCP-_F	Sensor Control Programmable, 8F or 40F [11]
ADD	AutoDim Timer Based Dimming [12]
ADT	AutoDim Time of Day Dimming [12]

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information
2 – Battery temperature rating -20C to 55C
3 – Replace "_" with "3" for 3.5"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
4 – Networked Controls cannot be combined with other control options
5 – Not available with 2PF option
6 – Not available with 480V
7 – Not available with 347 or 480V
8 – Not available with Dual Driver option
9 – Only available in Size 1 housing, up to 105 Watts
10 – Some voltage restrictions may apply when combined with controls
11 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.
12 - Please refer to page 8 for AutoDim ordering guide

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VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

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ORDERING GUIDE (CONT'D)

CATALOG #

Accessory Type		Size		Option		Color	
SHD	Shield	**1**	Size 1	**HSS-90-B**	House Side Shield 90° Back	**BLS**	Black Gloss Smooth
		2	Size 2	**HSS-90-F**	House Side Shield 90° Front	**BLT**	Black Matte Textured
		3	Size 3	**HSS-90-S**	House Side Shield 90° Side	**DBS**	Dark Bronze Gloss Smooth
		4	Size 4	**HSS-270-BSS**	House Side Shield 270° Back/Side/Side	**DBT**	Dark Bronze Matte Textured
				HSS-270-FSS	House Side Shield 270° Front/Side/Side	**GTT**	Graphite Matte Textured
				HSS-270-FSB	House Side Shield 270° Front/Side/Back	**LGS**	Light Gray Gloss Smooth
				HSS-360	House Side Shield 360°	**PSS**	Platinum Silver Smooth
				BC	Back Light Control	**WHS**	White Gloss Smooth
MTG	Mounting			**A**	Arm Mount for square pole/flat surface	**WHT**	White Matte Textured
				ASQU	Universal Arm Mount for square pole	**VGT**	Green Landscape Decorative
				AAU	Adjustable Arm for pole mounting	**LEG**	Legacy Colors
				ADU	Decorative upswept Arm	**Color Option**	
				RPA	Round Pole Adapter	**CC**	Custom Color
				MAF	Mast Arm Fitter for 2-3/8" OD horizontal arm		
				K	Knuckle		
				T	Trunnion		
				WB	Wall Bracket (compatible with universal arm mounts)		

Accessory Type		Option	
MSC	Miscellaneous	**BIRD SPK**	Bird Spike

Current Control Solutions — Accessories (Sold Separately)

NX Lighting Controls

☐ **NXOFM2-1R1D-UNV** On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with NX Radio and Bluetooth® Radio, 120–480VAC

LightGRID+ Lighting Control

☐ **WIR-RME-L** On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with LightGRID+ Radio, 110–480VAC

☐ **SCP-REMOTE** Remote Control for SCP/_F option. Order at least one per project to program and control the occupancy sensor

For additional information related to these accessories please visit currentlighting.com/beacon. Options provided for use with integrated sensor, please view specification sheet ordering information table for details.

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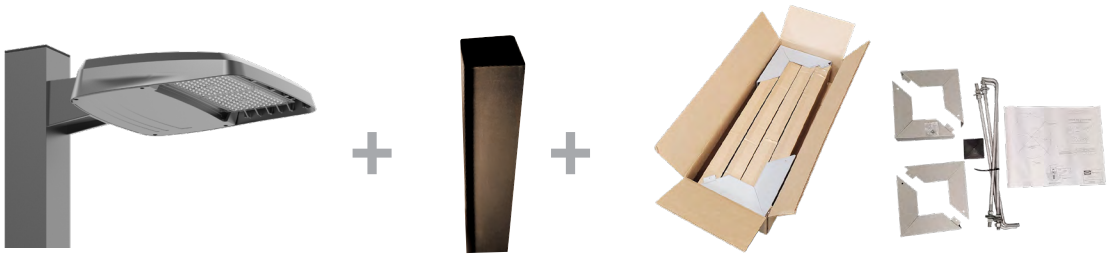
VIPER Area/Site

VIPER LUMINAIRE

VIPER POLE EXPRESS COMBO – ORDERING GUIDE



Catalog Number	Pole	Single or Double Head	Fixture	Lumens*	Wattage	Distribution	CCT/CRI	Mounting	Finish
VP-1-160-4K-3-LS-S20	**20' Square Straight Steel**	Single	**VP-1-160-4K-3-LS**	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S20-2X	**20' Square Straight Steel**	Double	**VP-1-160-4K-3-LS**	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S20	**20' Square Straight Steel**	Single	**VP-1-160-4K-4F-LS**	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S20-2X	**20' Square Straight Steel**	Double	**VP-1-160-4K-4F-LS**	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S25	**25' Square Straight Steel**	Single	**VP-1-160-4K-3-LS**	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S25-2X	**25' Square Straight Steel**	Double	**VP-1-160-4K-3-LS**	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S25	**25' Square Straight Steel**	Single	**VP-1-160-4K-4F-LS**	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S25-2X	**25' Square Straight Steel**	Double	**VP-1-160-4K-4F-LS**	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S20	**20' Square Straight Steel**	Single	**VP-1-160-5K-3-LS**	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S20-2X	**20' Square Straight Steel**	Double	**VP-1-160-5K-3-LS**	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S20	**20' Square Straight Steel**	Single	**VP-1-160-5K-4F-LS**	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S20-2X	**20' Square Straight Steel**	Double	**VP-1-160-5K-4F-LS**	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S25	**25' Square Straight Steel**	Single	**VP-1-160-5K-3-LS**	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S25-2X	**25' Square Straight Steel**	Double	**VP-1-160-5K-3-LS**	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S25	**25' Square Straight Steel**	Single	**VP-1-160-5K-4F-LS**	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S25-2X	**25' Square Straight Steel**	Double	**VP-1-160-5K-4F-LS**	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured

VIPER POLE EXPRESS COMBO – STOCK LUMINAIRE SKUS

Catalog Number	Lumens	LPW	Distribution	Wattage	CCT/CRI	Voltage	Mounting	Finish
VP-1-160-4K-3-LS	19584	123.9	3	158W	4000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-4K-4F-LS	19426	122.9	4F	158W	4000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-5K-3-LS	19499	123.4	3	158W	5000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-5K-4F-LS	19186	121.4	4F	158W	5000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured

VIPER POLE EXPRESS COMBO – ACCESSORIES

Catalog Number	Description
VM14DB	Vibration Dampener, mounts to top of pole for reduced vibration

VM14DB

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VIPER Area/Site

VIPER LUMINAIRE

OUTDOOR LIGHTING CONTROLS OPTIONS

CONTROLS FUNCTIONALITY

LIGHTGRID+ NX LIGHTING CONTROLS MOBILE APP

	Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components	
			Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height		
NX Wireless	NXOFM2-1R1D-UNV	NX 7-Pin Twist-Lock® with NX Networked Wireless Radio, Integral Automatic Dimming Photocell, Integral Single Pole Relay with Dimming, and Bluetooth Programming	✓	✓	✓	Paired with external control	✓	✓	✓	✓	–		NXOFM-1R1D-UV
	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	✓	✓	✓	–	–	✓	✓	✓	–		NXRM2-H
	NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	12ft		NXSMP2-OMNI-O
	NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	16ft		NXSMP2-LMO
	NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	40ft		NXSMP2-HMO
LightGRID+	WIR	LightGRID+ In-Fixture Module	✓	–	✓	–	–	✓	✓	Gateway	–		WIR
	WIR-RME-L	LightGRID+ On Fixture Module	✓	–	✓	–	–	✓	✓	Gateway	–		WIR-RME-L
	WIRSC	LightGRID+ Module and Occupancy Sensor	✓	✓	✓	✓	✓	✓	✓	Gateway	14ft - 40ft		BTMSP
Independent	BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	12ft		BTSMP-OMNI-O
	BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	14ft		BTSMP-LMO
	BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	40ft		BTSMP-HMO

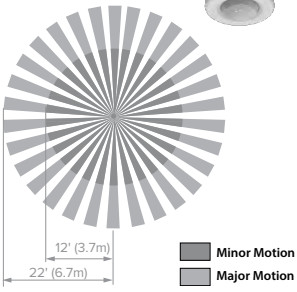
DEFAULT SETTINGS

NX Wireless	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	15 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	0%
Daylight Sensor	Disabled
Bluetooth	Enabled
2.4GHz Wireless Mesh	On
"Passcode Factory Passcode: HubbN3T!"	Enabled

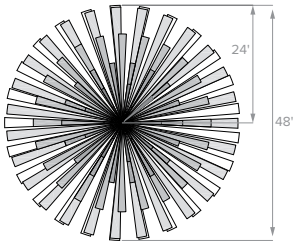
Stand Alone	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	8 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	50%
Daylight Sensor	Disabled

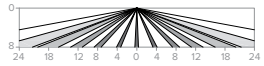
NX WIRELESS COVERAGE PATTERNS

NXSMP2-OMNI



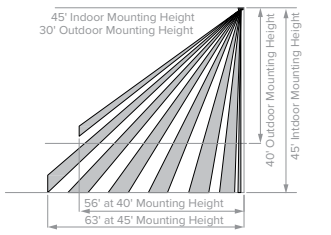
NXSMP2-LMO





Sensor Lens Coverage and Detection Patterns When Mounted at 8ft with Low Mount Lens

NXSMP2-HMO



Sensor Lens Coverage and Detection Patterns When Mounted at 40ft and 45ft with Standard Lens

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NX LIGHTING CONTROLS FREE APP

The NX Lighting Controls App is free to use mobile application for programming both NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enable luminiares and program NX system settings.

Apple App: https://apps.apple.com/us/app/nx-lighting-controls/id962112904

Google Play: https://play.google.com/store/apps/details?id=io.cordova.NXBTR&hl=en_US&gl=US

Apple App

Google Play

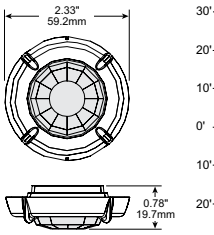
CONTROLS TECH SUPPORT 800-888-8006 (7:00 AM - 7:00 PM)

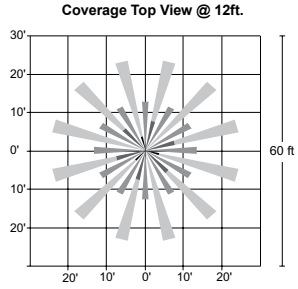
OUTDOOR LIGHTING CONTROLS OPTIONS

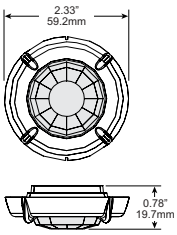
CONTROLS FUNCTIONALITY

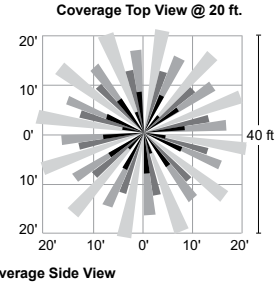
	Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components
			Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height	
Independent	SCP_F	Sensor Control Programmable, 8F or 40F	–	–	–	✓	✓	✓	✓	–	8ft or 40ft	SCP_F
	ADD	AutoDIM Timer Based Dimming	–	–	✓	–	–	–	✓	–	–	ADD
	ADT	AutoDIM Time of Day Dimming	–	–	✓	–	–	–	✓	–	–	ADT
	7PR	7-Pin Receptacle	–	–	Paired with external control	–	Paired with external control	–	Paired with external control	–	–	7PR
	7PR-SC	7-Pin Receptacle with shorting cap	–	–	–	–	–	–	–	–	–	7PR-SC
	3PR	3-Pin twist lock	–	–	–	–	–	–	Paired with external control	–	–	3PR
	3PR-SC	3-Pin Receptacle with shorting cap	–	–	–	–	–	–	–	–	–	3PR-SC
	3PR-TL	3-Pin with photocontrol	–	–	–	–	✓	–	✓	–	–	3PR-TL

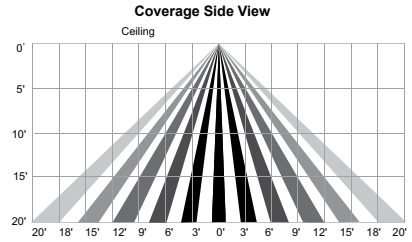
COVERAGE PATTERNS FOR SCP_F



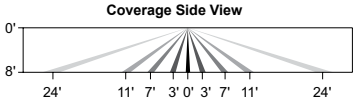


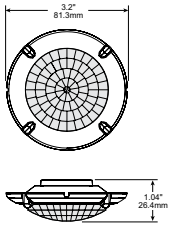


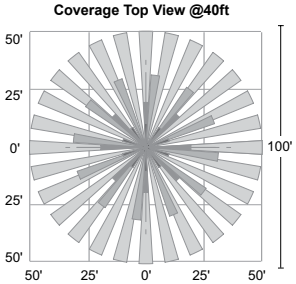


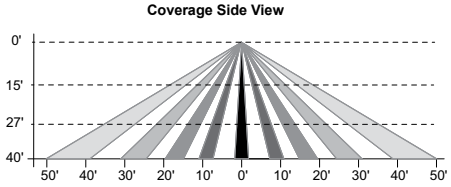


Coverage Side View









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VIPER Area/Site

VIPER LUMINAIRE

PROGRAMMED CONTROLS

ADD-AutoDim Timer Based Options

- Light delay options from 1-9 hours after the light is turned on to dim the light by 10-100%. To return the luminaire to its original light level there are dim return options from 1-9 hours after the light has been dimmed previously.

EX: ADD-6-5-R6

ADD Control Options	Configurations Choices	Example Choice Picked
Auto-Dim Options	1-9 Hours	6 - Delay 6 hours
Auto-Dim Brightness	10-100% Brightness	5 - Dim to 50% brightness
Auto-Dim Return	Delay 0-9 Hours	R6 - Return to full output after 6 hours

ADT-AutoDim Time of Day Based Option

- Light delay options from 1AM-9PM after the light is turned on to dim the light by 10-100%. To return the luminaire to its original light level there are dim return options from 1AM-9PM after the light has been dimmed previously.

EX: ADT-6-5-R6

ADD Control Options	Configurations Choices	Example Choice Picked
Auto-Dim Options	12-3 AM and 6-11 PM	6 - Dim at 6PM
Auto-Dim Brightness	10-100% Brightness	5 - Dim to 50%
Auto-Dim Return	12-6 AM and 9-11P	R6 - Return to full output at 6AM

ORDERING GUIDE

Auto Dim Code	Timer Base (ADD) Auto-Dim Options		Auto Dim Cod	Time of Day (ADT) Auto-Dim Options
D1	Delay 1 hour		T0	Delay Midnight
D2	Delay 2 hours		T1	Delay 1 AM
D3	Delay 3 hours		T2	Delay 2 AM
D4	Delay 4 hours		T3	Delay 3 AM
D5	Delay 5 hours	OR	T4	Delay 10 PM
D6	Delay 6 hours		T5	Delay 11 PM
D7	Delay 7 hours		T6	Delay 6 PM
D8	Delay 8 hours		T7	Delay 7 PM
D9	Delay 9 hours		T8	Delay 8 PM
D0	Delay 0 hours		T9	Delay 9 PM

Code	Auto-Dim Brightness
0	100% Brightness
1	10% Brightness
2	20% Brightness
3	30% Brightness
4	40% Brightness
5	50% Brightness
6	60% Brightness
7	70% Brightness
8	80% Brightness
9	90% Brightness

Code	Auto-Dim Return Options
R1	Delay 1 hour or 1 AM
R2	Delay 2 hours or 2 AM
R3	Delay 3 hours or 3 AM
R4	Delay 4 hours or 4 AM
R5	Delay 5 hours or 5 AM
R6	Delay 6 hours or 6 AM
R7	Delay 7 hours or 7 AM
R8	Delay 8 hours or 8 AM
R9	Delay 9 hours or 9 AM
R0	Delay 0 hours or 12 AM

Code	Auto-Dim Brightness
0	100% Brightness
1	10% Brightness
2	20% Brightness
3	30% Brightness
4	40% Brightness
5	50% Brightness
6	60% Brightness
7	70% Brightness
8	80% Brightness
9	90% Brightness

DELIVERED LUMENS

For delivered lumens, please see Lumens Data PDF on www.Currentlighting.com

PROJECTED LUMEN MAINTENANCE

Ambient Temp.	0	25,000	*TM-21-11 36,000	50,000	100,000	Calculated L_{70} (Hours)
25°C / 77°F	1.00	0.97	0.96	0.95	0.91	408,000
40°C / 104°F	0.99	0.96	0.95	0.94	0.89	356,000

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

Micro Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	–	0.841	–
3000K	0.977	0.861	0.647
3500K	–	0.900	–
4000K	1	0.926	0.699
5000K	1	0.937	0.791
AP-Amber Phosphor Converted Multiplier			
Amber	0.710		

Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	0.9	0.81	0.62
3000K	0.933	0.853	0.659
3500K	0.959	0.894	0.711
4000K	1	0.9	0.732
5000K	1	0.9	0.732
Monochromatic Amber Multiplier			
Amber	See Amber Spec Sheet		

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VIPER Area/Site

VIPER LUMINAIRE

ELECTRICAL DATA: MICRO STRIKE

# OF LEDS	160						
NOMINAL WATTAGE	35	50	75	100	115	135	160
SYSTEM POWER (W)	34.9	50.5	72.1	97.2	111.9	132.2	157.8
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	0.29	0.42	0.63	0.83	0.96	1.13	1.33
208	0.17	0.24	0.36	0.48	0.55	0.65	0.77
240	0.15	0.21	0.31	0.42	0.48	0.56	0.67
277	0.13	0.18	0.27	0.36	0.42	0.49	0.58
347	0.10	0.14	0.22	0.29	0.33	0.39	0.46
480	0.07	0.10	0.16	0.21	0.24	0.28	0.33

# OF LEDS	320						
NOMINAL WATTAGE	145	170	185	210	235	255	315
SYSTEM POWER (W)	150	166.8	185.7	216.2	240.9	261.5	312
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	1.21	1.42	1.54	1.75	1.96	2.13	2.63
208	0.70	0.82	0.89	1.01	1.13	1.23	1.51
240	0.60	0.71	0.77	0.88	0.98	1.06	1.31
277	0.52	0.61	0.67	0.76	0.85	0.92	1.14
347	0.42	0.49	0.53	0.61	0.68	0.73	0.91
480	0.30	0.35	0.39	0.44	0.49	0.53	0.66

# OF LEDS	480					
NOMINAL WATTAGE	285	320	340	390	425	470
SYSTEM POWER (W)	286.2	316.7	338.4	392.2	423.2	468
INPUT VOLTAGE (V)	CURRENT (Amps)					
120	2.38	2.67	2.83	3.25	3.54	3.92
208	1.37	1.54	1.63	1.88	2.04	2.26
240	1.19	1.33	1.42	1.63	1.77	1.96
277	1.03	1.16	1.23	1.41	1.53	1.70
347	0.82	0.92	0.98	1.12	1.22	1.35
480	0.59	0.67	0.71	0.81	0.89	0.98

# OF LEDS	720				
NOMINAL WATTAGE	435	475	515	565	600
SYSTEM POWER (W)	429.3	475	519.1	565.2	599.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	3.63	3.96	4.29	4.71	5.00
208	2.09	2.28	2.48	2.72	2.88
240	1.81	1.98	2.15	2.35	2.50
277	1.57	1.71	1.86	2.04	2.17
347	1.25	1.37	1.48	1.63	1.73
480	0.91	0.99	1.07	1.18	1.25

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VIPER Area/Site

VIPER LUMINAIRE

ELECTRICAL DATA: STRIKE

# OF LEDS	36				
NOMINAL WATTAGE	39	55	85	105	120
SYSTEM POWER (W)	39.6	56.8	83.6	108.2	120.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.33	0.46	0.71	0.88	0.96
208	0.19	0.26	0.41	0.50	0.55
240	0.16	0.23	0.35	0.44	0.48
277	0.14	0.20	0.31	0.38	0.42
347	0.11	0.16	0.24	0.30	0.33
480	0.08	0.11	0.18	0.22	0.24

# OF LEDS	72				
NOMINAL WATTAGE	115	145	180	210	240
SYSTEM POWER (W)	113.7	143.2	179.4	210.2	241.7
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	1.00	1.21	1.50	1.75	1.79
208	0.58	0.70	0.87	1.01	1.03
240	0.50	0.60	0.75	0.88	0.90
277	0.43	0.52	0.65	0.76	0.78
347	0.35	0.42	0.52	0.61	0.62
480	0.25	0.30	0.38	0.44	0.45

# OF LEDS	108				
NOMINAL WATTAGE	215	250	280	325	365
SYSTEM POWER (W)	214.8	250.8	278.3	324.7	362.6
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	2.00	2.08	2.33	3.04	2.67
208	1.15	1.20	1.35	1.75	1.54
240	1.00	1.04	1.17	1.52	1.33
277	0.87	0.90	1.01	1.32	1.16
347	0.69	0.72	0.81	1.05	0.92
480	0.50	0.52	0.58	0.76	0.67

# OF LEDS		162				
NOMINAL WATTAGE	320	365	405	445	485	545
SYSTEM POWER (W)	322.1	362.6	403.6	445.1	487.1	543.9
INPUT VOLTAGE (V)		CURRENT (Amps)				
120	2.71	2.67	3.38	3.71	4.04	4.54
208	1.56	1.54	1.95	2.14	2.33	2.62
240	1.35	1.33	1.69	1.85	2.02	2.27
277	1.17	1.16	1.46	1.61	1.75	1.97
347	0.94	0.92	1.17	1.28	1.40	1.57
480	0.68	0.67	0.84	0.93	1.01	1.14

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VIPER Area/Site

VIPER LUMINAIRE

ELECTRICAL DATA: SILICONE STRIKE

# OF LEDS	40								
NOMINAL WATTAGE (W)	35	55	65	80	100	120	140	170	195
SYSTEM POWER (W)	34.4	47.4	63.3	82.2	101.7	121.6	141.4	168.8	193.0
INPUT VOLTAGE (V)	CURRENT (A)								
120	0.29	0.40	0.53	0.69	0.85	1.01	1.18	1.41	1.61
208	0.17	0.23	0.30	0.40	0.49	0.58	0.68	0.81	0.93
240	0.14	0.20	0.26	0.34	0.42	0.51	0.59	0.70	0.80
277	0.12	0.17	0.23	0.30	0.37	0.44	0.51	0.61	0.70
347	0.10	0.14	0.18	0.24	0.29	0.35	0.41	0.49	0.56
480	0.07	0.10	0.13	0.17	0.21	0.25	0.29	0.35	0.40

# OF LEDS	80									
NOMINAL WATTAGE (W)	75	90	105	130	155	175	205	225	250	280
SYSTEM POWER (W)	74.0	87.0	105.3	131.9	153.5	175.4	203.4	226.1	249.0	281.0
INPUT VOLTAGE (V)	CURRENT (A)									
120	0.62	0.73	0.88	1.10	1.28	1.46	1.70	1.88	2.08	2.34
208	0.36	0.42	0.51	0.63	0.74	0.84	0.98	1.09	1.20	1.35
240	0.31	0.36	0.44	0.55	0.64	0.73	0.85	0.94	1.04	1.17
277	0.27	0.31	0.38	0.48	0.55	0.63	0.73	0.82	0.90	1.01
347	0.36	0.42	0.51	0.63	0.74	0.84	0.98	1.09	1.20	1.35
480	0.15	0.18	0.22	0.27	0.32	0.37	0.42	0.47	0.52	0.59

# OF LEDS	120								
NOMINAL WATTAGE (W)	190	205	230	265	295	320	355	380	420
SYSTEM POWER (W)	189.8	206.0	230.3	263.2	296.5	322.0	356.3	382.3	421.6
INPUT VOLTAGE (V)	CURRENT (A)								
120	1.58	1.72	1.92	2.19	2.47	2.68	2.97	3.19	3.51
208	0.91	0.99	1.11	1.27	1.43	1.55	1.71	1.84	2.03
240	0.79	0.86	0.96	1.10	1.24	1.34	1.48	1.59	1.76
277	0.69	0.74	0.83	0.95	1.07	1.16	1.29	1.38	1.52
347	0.55	0.59	0.66	0.76	0.85	0.93	1.03	1.10	1.21
480	0.40	0.43	0.48	0.55	0.62	0.67	0.74	0.80	0.88

# OF LEDS	180								
NOMINAL WATTAGE (W)	275	295	335	360	395	435	470	510	550
SYSTEM POWER (W)	272.7	296.8	333.2	357.8	394.7	432.4	470.2	508.7	547.4
INPUT VOLTAGE (V)	CURRENT (A)								
120	2.27	2.47	2.78	2.98	3.29	3.60	3.92	4.24	4.56
208	1.31	1.43	1.60	1.72	1.90	2.08	2.26	2.45	2.63
240	1.14	1.24	1.39	1.49	1.64	1.80	1.96	2.12	2.28
277	0.98	1.07	1.20	1.29	1.42	1.56	1.70	1.84	1.98
347	0.79	0.86	0.96	1.03	1.14	1.25	1.36	1.47	1.58
480	0.57	0.62	0.69	0.75	0.82	0.90	0.98	1.06	1.14

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VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

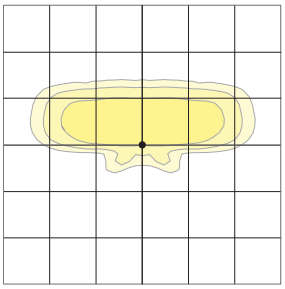
TYPE: PROJECT:

CATALOG #:

MICRO STRIKE PHOTOMETRY

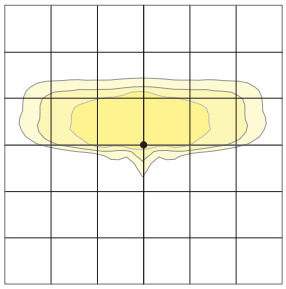
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

Type 2



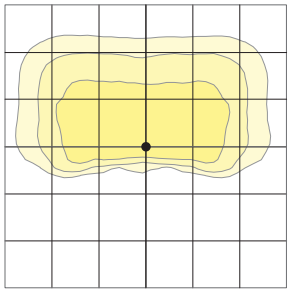
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 3



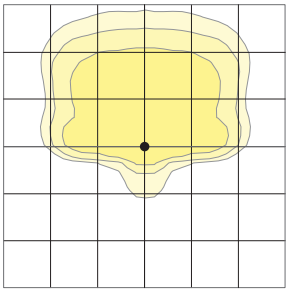
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4 Wide



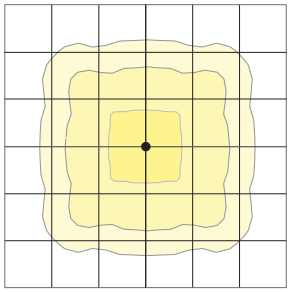
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4F



Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QW



Mounting Height: 20 ft
Scale: 1 inch = 20 ft

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VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

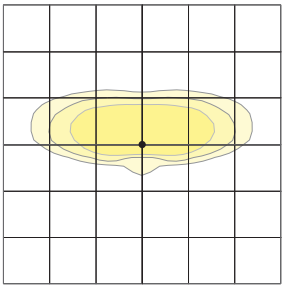
TYPE: PROJECT:

CATALOG #:

OPTIC STRIKE PHOTOMETRY

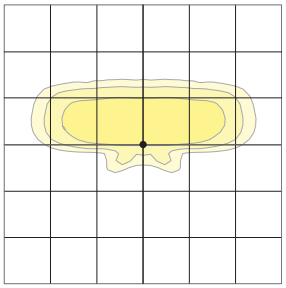
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

Type FR – Front Row/Auto Optic



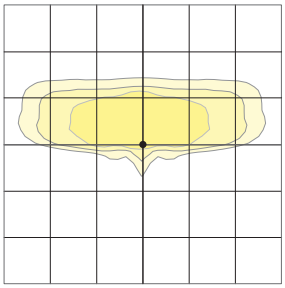
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 2



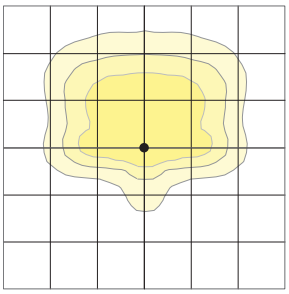
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 3



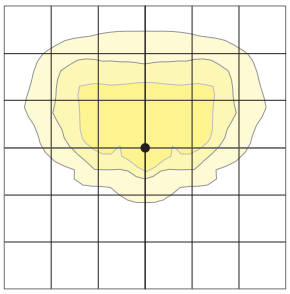
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4 Forward



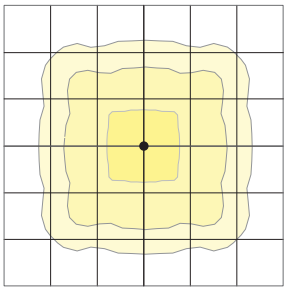
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4 Wide



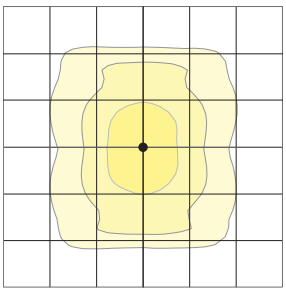
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QM



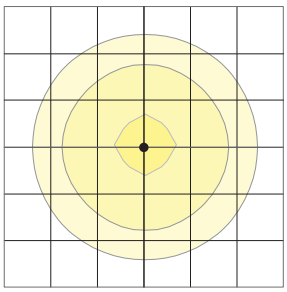
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5RW (rectangular)



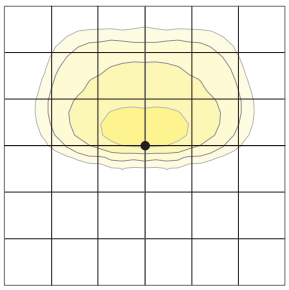
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5W (round wide)



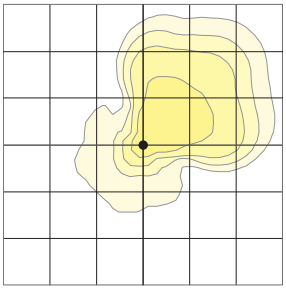
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type TC



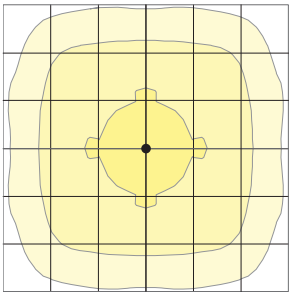
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type Corner



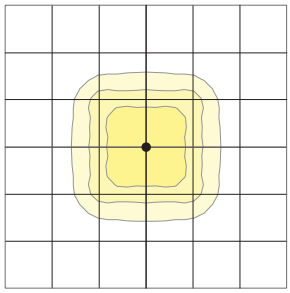
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QW



Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QN



Mounting Height: 20 ft
Scale: 1 inch = 20 ft

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VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

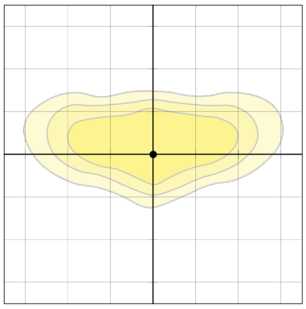
TYPE: PROJECT:

CATALOG #:

SILICONE OPTIC STRIKE PHOTOMETRY

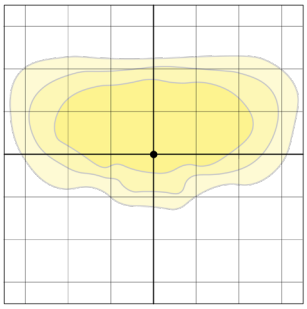
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

Type 2



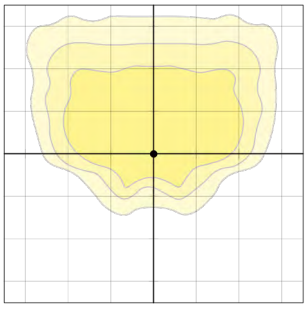
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 3



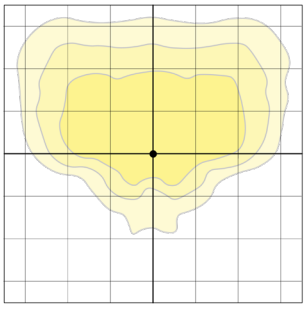
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4 Forward



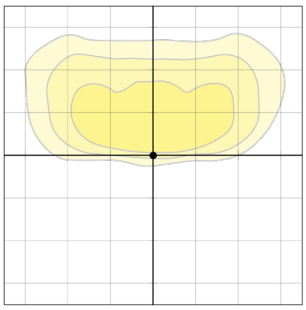
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4 Wide



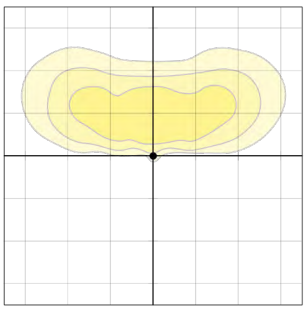
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4WBC



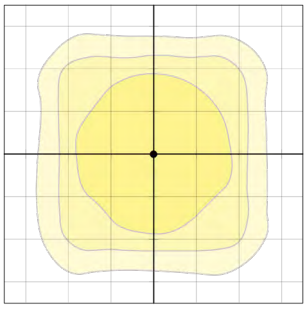
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4WMBC



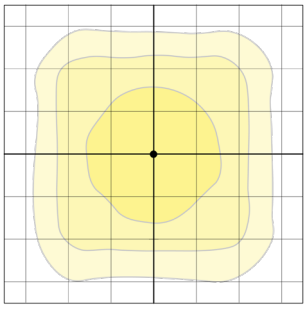
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 5QM



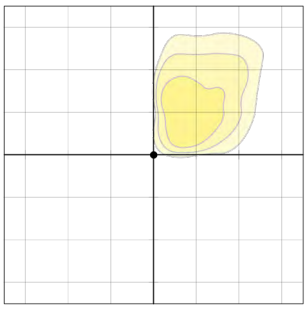
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 5QW



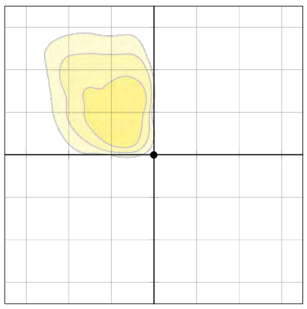
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type LCC



Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type RCC



Mounting Height: 20 ft
Scale: 1 inch = 25 ft

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DATE: LOCATION:

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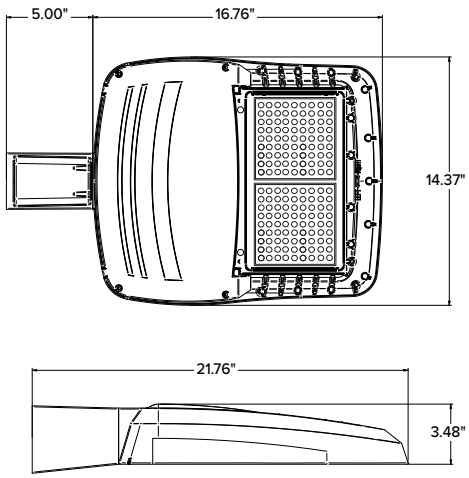
CATALOG #:

VIPER Area/Site

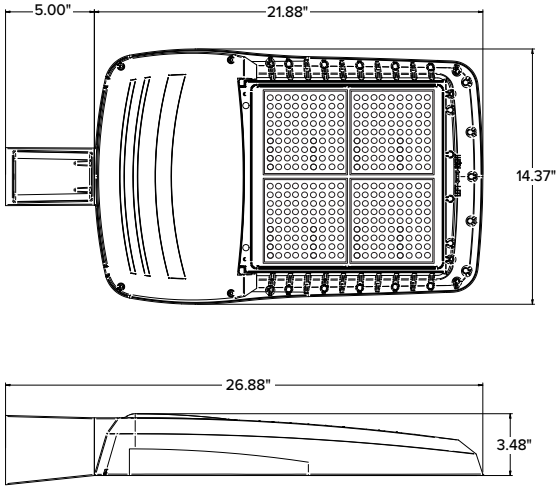
VIPER LUMINAIRE

DIMENSIONS

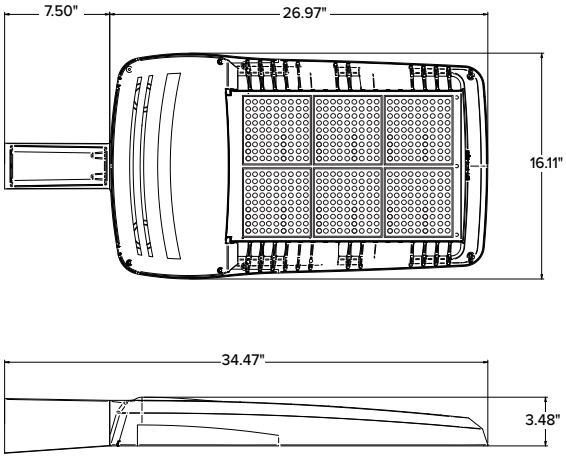
SIZE 1



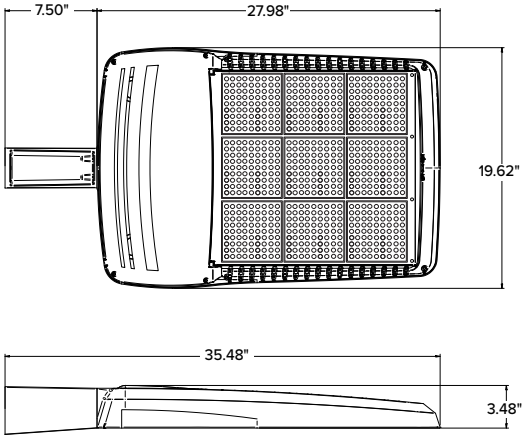
SIZE 2



SIZE 3



SIZE 4



	EPA				
	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	Config.
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	
Four at 90	1.166	1.422	1.714	1.896	

	Weight	
	lbs	kgs
VP1 (Size 1)	13.7	6.2
VP2 (Size 2)	16.0	7.26
VP3 (Size 3)	25.9	11.7
VP4 (Size 4)	30.8	13.9

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DATE: LOCATION:

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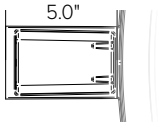
VIPER Area/Site

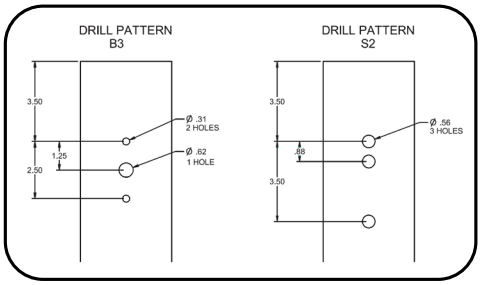
VIPER LUMINAIRE

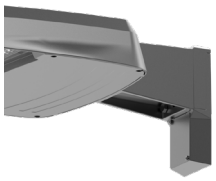
MOUNTING

A–STRAIGHT ARM MOUNT

Fixture ships with integral arm for ease of installation. Compatible with Current Outdoor B3 drill pattern for ease of installation on square poles. For round poles add applicable suffix (2/3/4/5)

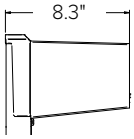


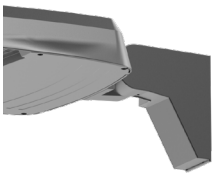




ASQU–UNIVERSAL ARM MOUNT

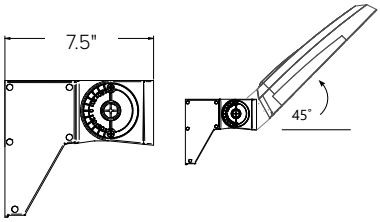
Universal mounting block for ease of installation. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5)

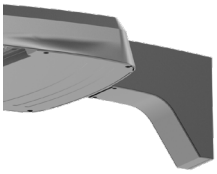




AAU–ADJUSTABLE ARM FOR POLE MOUNTING

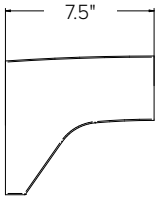
Rotatable arm mounts directly to pole. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2 and B3. For round poles add applicable suffix (2/3/4/5). Rotatable in 5˚ aiming angle increments. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.

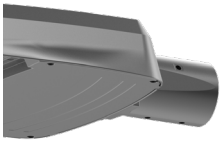




ADU–DECORATIVE UPSWEPT ARM

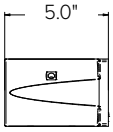
Upswept Arm compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5).

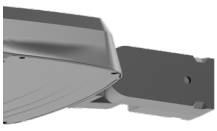




MAF–MAST ARM FITTER

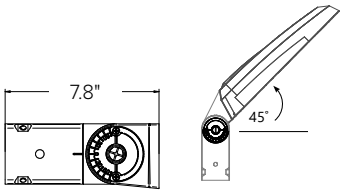
Fits 2-3/8" OD horizontal tenons.

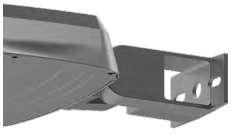




K–KNUCKLE

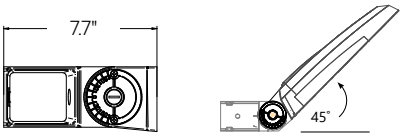
Rotatable in 5-degree aiming angle increments, fits 2-3/8" tenons or pipes. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.





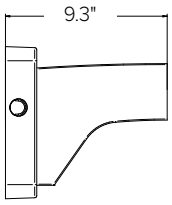
T–TRUNNION

Trunnion for surface and crossarm mounting using (1) 3/4" or (2) 1/2" size through bolts. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



WM–WALL MOUNT

Compatible with universal arm mount, adjustable arm mount, and decorative arm mount. The WA option uses the same wall bracket but replaces the decorative arm with an adjustable arm.



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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Area/Site

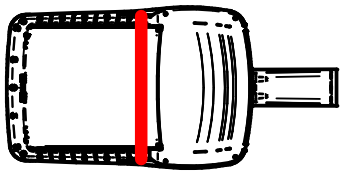
VIPER LUMINAIRE

ADDITIONAL INFORMATION (CONTINUED)

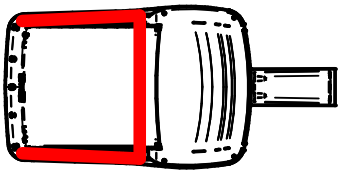
HOUSE SIDE SHIELD FIELD INSTALL ACCESSORIES

HSS has a depth of 5" for all Viper sizes
Not to be used with Occupancy Sensors as the shield may block the light to the sensor.

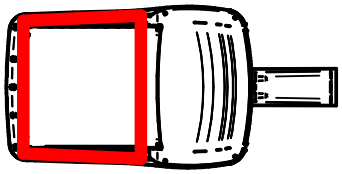
VPR2x HSS-90-B-xx



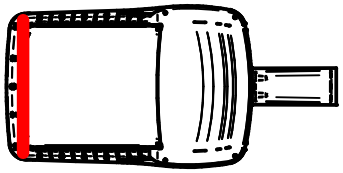
VPR2x HSS-270-BSS-xx



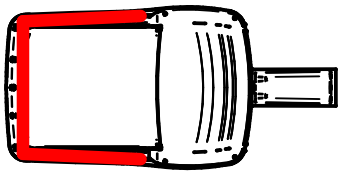
VPR2x HSS-360-xx



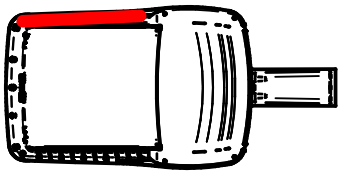
VPR2x HSS-90-F-xx



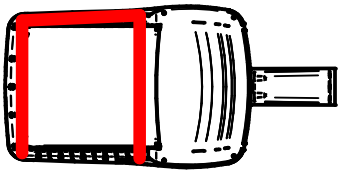
VPR2x HSS-270-FSS-xx



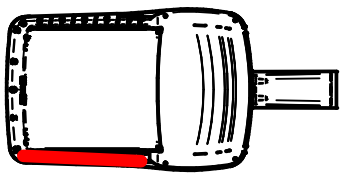
VPR2x HSS-90-S-xx



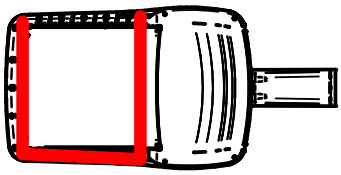
VPR2x HSS-270-FSB-xx



VPR2x HSS-90-S-xx



VPR2x HSS-270-FSB-xx



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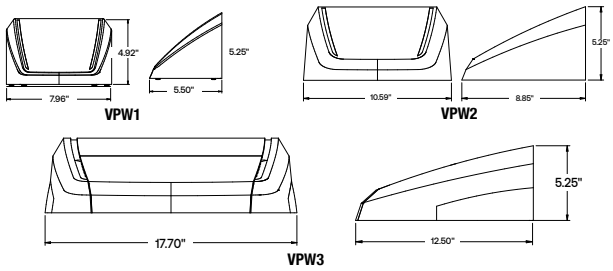
VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

MICRO STRIKE | OPTICS STRIKE



	Weight
VPW1	4.1 lbs / 1.86 kg
VPW2	7.15 lbs / 3.24 kg
VPW3	17.1 lbs / 7.80 kg

FEATURES

- Low profile LED wall luminaire with a variety of IES distributions for lighting applications such as retail, commercial and industrial building mount
- Featuring Strike and Micro Strike Optics which maximizes target zone illumination with minimal losses at the house-side, reducing light trespass issues
- Visual Comfort - Option for Size 2 and Size 3
- Control options including photo control, occupancy sensing, NX Distributed Intelligence™, and LightGRID+.
- Battery Backup options available for emergency code compliance
- Quick-mount adapter allows easy installation/maintenance
- 347V and 480V versions for industrial applications and Canada

C US BAA TAA DARKSKY APPROVED

CONTROL TECHNOLOGY

NX CONNECT NX WIRED NX WIRELESS LIGHTGRID+

SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins that are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with powder coat paint finish
- Powder paint finish provides durability in outdoor environments. Tested to meet 1000 hour salt spray rating

OPTICS

- Entire optical aperture illuminates to create a larger luminous surface area resulting in a low glare appearance without sacrificing optical performance
- 2700K, 3000K, 3500K, 4000K and 5000K CCTs
- Zero uplight distributions
- LED optics provide IES type II, III and IV distributions.

INSTALLATION

- Quick-mount adapter provides easy installation to wall or to recessed junction boxes (4" square junction box)
- Designed for direct j-box mount.

ELECTRICAL

- 120V-277V universal voltage 50/60Hz 0-10V dimming drivers
- 347V input is available in most wattage, 480V is available for 55W and above.
- Ambient operating temperature -40˚C to 40˚C
- Driver RoHS and IP66
- 10kV Surge Protector optional
- Drivers have greater than .90 power factor and less than 20% Total Harmonic Distortion
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options can not be included in one same fixture.
- Dimming drivers are standard. Select CD (Customer Dimming) for the dimming wires to be extended outside the fixture.

CONTROLS

- Photo control, occupancy sensor and wireless available for complete on/off and dimming control
- Button photocontrol is suitable for 120-277V operation
- NX Distributed Intelligence™ available with in fixture wireless control module, features dimming and occupancy sensor

CONTROLS CONTINUED

- Integral Battery Backup provides emergency lighting for the required 90 minute path of egress
- Battery Backup suitable for operating temperatures -20˚C to 40˚C.
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application.
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor.

CERTIFICATIONS

- Certified to UL 1598 and CSA 22.2#250.0-24
- IP65 rated housing
- Emergency battery backup options are California Energy Commission (CEC) Title 20 Compliant
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225- 11). See Buy America(n) Solutions (link to https://http://www.currentlighting.com/resources/americasolutions).
- DarkSky approved with 3000K CCT or warmer

WARRANTY

- 5 year limited warranty

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ORDERING GUIDE

Example: VPW1–24L-10–3K7–2–UNV–BLS

CATALOG #

Series		Optic Platform		# LEDs - Wattage		CCT/CRI		Distribution		Voltage		Color	
VPW1	Viper Wall 1	**(blank)**	Microstrike	**24L-10**	1,000 Lumens	**27K8**	2700K, 80 CRI[16]	**FR**	Auto Front Row[7,15]	**UNV**	120-277V	**BLT**	Black Matte Textured
		ST	Strike	**24L-15**	2,000 Lumens	**3K7**	3000K, 70 CRI[16]	**2**	IES TYPE 2	**120**	120V	**BLS**	Black Gloss Smooth
				24L-25	3,000 Lumens	**4K7**	4000K, 70 CRI	**3**	IES TYPE 3	**208**	208V	**DBT**	Dark Bronze Matte Textured
VPW2	Viper Wall 2			**48L-15**	2,000 Lumens	**5K7**	5000K, 70 CRI	**4F**	IES TYPE 4 Forward	**240**	240V	**DBS**	Dark Bronze Gloss Smooth
				48L-20	3,000 Lumens	**3K8**	3000K, 80 CRI	**4W**	IES TYPE 4W	**277**	277V	**GTT**	Graphite Matte Textured
				48L-30	4,000 Lumens	**35K8**	3500K, 80 CRI			**347**	347V	**LGS**	Light Grey Gloss Smooth
				48L-35	5,000 Lumens	**4K8**	4000K, 80 CRI			**480**	480V	**LGT**	Light Grey Matte Textured
				48L-45	6,000 Lumens	**5K8**	5000K, 80 CRI					**PSS**	Platinum Silver Smooth
				80L-20	3,000 Lumens	**AP**	Phosphor Converted Amber[1]					**WHT**	White Matte Textured
				80L-25	4,000 Lumens							**WHS**	White Gloss Smooth
				80L-35	5,000 Lumens							**VGT**	Verde Green Textured
				80L-45	6,000 Lumens							**Color Option**	
				80L-55	7,000 Lumens							**CC**	Custom Color
				80L-65	8,000 Lumens								
				80L-70	8,500 Lumens								
				18L-25	3,000 Lumens, Strike Optics								
				18L-30	4,000 Lumens, Strike Optics								
				18L-39	4,750 Lumens, Strike Optics								
				18L-50	6,000 Lumens, Strike Optics								
				18L-60	6,500 Lumens, Strike Optics								
VPW3	Viper Wall 3			**160L-45**	7,000 Lumens								
				160L-70	10,000 Lumens								
				160L-95	12,500 Lumens								
				160L-105	15,000 Lumens								
				160L-135	17,500 Lumens								
				160L-155	20,000 Lumens								
				36L-55	7,000 Lumens, Strike Optics								
				36L-80	9,500 Lumens, Strike Optics								
				36L-100	11,500 Lumens, Strike Optics								
				36L-120	13,000 Lumens, Strike Optics								

Control Options Network[3,7,11,13]	
NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming[14]
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming[9]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming[9]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor
WIR	LightGRID+ In-Fixture Module[9]
WIRSC	LightGRID+ In-Fixture Moduel with BTS occupancy[9]
Stand Alone Sensors[7,11,13]	
BTS-14F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor[4,9]
BTS-40F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor[4,9]
BTSO-12F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor, up to 12' mounting height[14]
Photocontrol[13]	
PC	Button Photocontrol 120-277V

Options	
F	Fusing[5,7]
E	Battery[6,7,8]
EH	Battery with Heater[6,7,8]
CS	Comfort Shield[7,10]
SP	10kA Surge Protector
2PF	Dual Power Feed[2,7,8,17]
2DR	Dual Driver[2,7,8,17]
CD	Customer Dimming[12]
DTS	Dimming Transfer Switch[7]

Notes:

1 Available with Micro Strike Optics only
2 Not available with 480V in Size 1 and Size 2
3 Networked controls cannot be combined with other control options
4 Not available with VPW1 or with 2PF or 2DR options
5 Must specify voltage (VPW1 & VPW2: 120V, 277V or 347V; VPW3: 120V, 208V, 240V, 277V, 347V or 480V)
6 See page 10 for detail Battery configurations
7 Not available in VPW1
8 2PF can't be combined with E or EH; 2DR can't be combined with E or EH in VPW2
9 Not avialable in VPW1 and VPW2
10 Not available with Micro Strike 24L and 48L. Not available with Strike 18L and 36L
11 Not available with 2PF
12 Not available with Network Control options or Stand Alone Sensors. Can be ordered with PC
13 Not available in 480V in VPW2; Only available in 480V in VPW3 in 80W, 100W, 120W, 135W and 155W
14 NXWS12F and BTSO-12F are the only sensors available in VPW2
15 Available with Strike Optics only (18L or 36L)
16 DarkSky approved with 3000K CCT or warmer
17 Not available in Size 2 80L

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ACCESSORIES AND REPLACEMENT PARTS - MADE TO ORDER

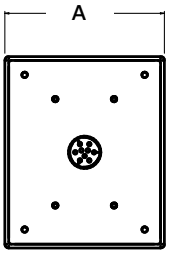
	Catalog Number	Description
☐	**WP-BB-XXX**	Back Box Accessory for conduit entry[1]
☐	**CS**	Comfort Shield[2]

Notes:

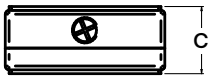
1 replace "xxx" with color option

2 Not available with Micro Strike 24L and 48L or Strike 18L and 36L

DIMENSIONS



Back Box Accessory



A	B	C
4.9" 124mm	5.9" 150mm	2.1" 53mm

CONTROLS FUNCTIONALITY

OUTDOOR LIGHTING CONTROLS OPTIONS

LIGHTGRID+

	Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components	
			Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height		
NX Wireless	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	✓	✓	✓	–	–	✓	✓	✓	–		NXRM2-H
NX Wireless	NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	16ft		NXSMP2-LMO
NX Wireless	NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	40ft		NXSMP2-HMO
LightGRID+	WIR	LightGRID+ In-Fixture Module	✓	–	✓	–	–	✓	✓	Gateway	–		WIR
Independent	BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	12ft		BTSMP-OMNI-O
Independent	BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	14ft		BTSMP-LMO
Independent	BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	40ft		BTSMP-HMO

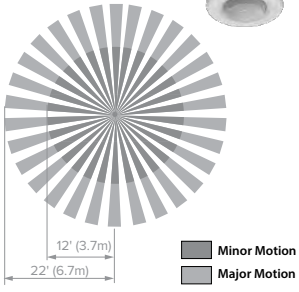
DEFAULT SETTINGS

NX Wireless	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	15 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	0%
Daylight Sensor	Disabled
Bluetooth	Enabled
2.4GHz Wireless Mesh	Off
"Passcode Factory Passcode: HubbN3T!"	Enabled

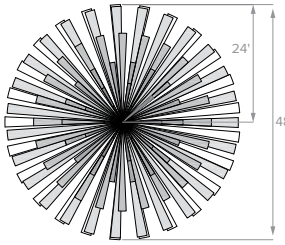
Stand Alone	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	8 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	0% (Off)
Daylight Sensor	Disabled

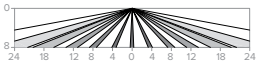
NX WIRELESS COVERAGE PATTERNS

NXSMP2-OMNI



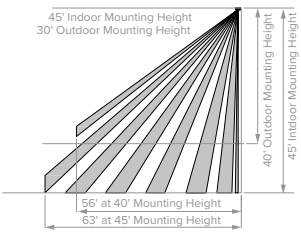
NXSMP2-LMO





Sensor Lens Coverage and Detection Patterns When Mounted at 8ft with Low Mount Lens

NXSMP2-HMO



Sensor Lens Coverage and Detection Patterns When Mounted at 40ft and 45ft with Standard Lens

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VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

NX LIGHTING CONTROLS FREE APP

The NX Lighting Controls App is free to use mobile application for programming both NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enable luminiares and program NX system settings.

Apple App: https://apps.apple.com/us/app/nx-lighting-controls/id962112904

Google Play: https://play.google.com/store/apps/details?id=io.cordova.NXBTR&hl=en_US&gl=US

NX LIGHTING CONTROLS

Apple App

Google Play

CONTROLS TECH SUPPORT 800-888-8006 (7:00 AM - 7:00 PM)

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98
50°C	122°F	0.97

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

PROJECTED LUMEN MAINTENANCE

	OPERATING HOURS		
Ambient Temp.	0	25,000	TM-21-22 60,000
25°C / 77°F	1.00	0.91	0.83
40°C / 104°F	0.99	0.90	0.82

Lumen maintenance values calculated per TM-21 using six times the LM-80 test time for the LED and in-situ thermal testing of the luminaire.

MULTIPLIER

Micro Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	–	0.841	–
3000K	0.977	0.861	0.647
3500K	–	0.900	–
4000K	1	0.926	0.699
5000K	1	0.937	0.791
Monochromatic Amber Multiplier			
Amber	0.710		

Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	0.9	0.81	0.62
3000K	0.933	0.853	0.659
3500K	0.959	0.894	0.711
4000K	1	0.9	0.732
5000K	1	0.9	0.732
Monochromatic Amber Multiplier			
Amber	See Amber Spec Sheet		

PERFORMANCE DATA: MICROSTRIKE

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW1	24L	10	6.6	2	1068	141	0	0	0	1068	141	0	0	0	989	131	0	0	0
				3	1076	142	0	0	1	1076	142	0	0	1	997	131	0	0	1
				4F	1052	139	0	0	1	1052	139	0	0	1	974	129	0	0	1
				4W	1041	137	0	0	1	1041	137	0	0	1	964	127	0	0	1
		15	14	2	1993	129	1	0	0	1993	129	1	0	0	1845	119	1	0	0
				3	2008	130	1	0	1	2008	130	1	0	1	1859	120	0	0	1
				4F	1964	127	0	0	1	1964	127	0	0	1	1818	117	0	0	1
				4W	1943	125	1	0	1	1943	125	1	0	1	1799	116	0	0	1
		25	23.0	2	3055	125	1	0	1	3055	125	1	0	1	2828	116	1	0	1
				3	3078	126	1	0	1	3078	126	1	0	1	2850	117	1	0	1
				4F	3010	123	1	0	1	3010	123	1	0	1	2787	114	1	0	1
				4W	2978	122	1	0	1	2978	122	1	0	1	2757	113	1	0	1

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

PERFORMANCE DATA: MICROSTRIKE CONT'D

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW2	48L	15	13.1	2	2139	145	1	0	1	2139	145	1	0	1	1981	134	1	0	1
				3	2163	146	1	0	1	2163	146	1	0	1	2003	135	1	0	1
				4F	2097	143	0	0	1	2097	143	0	0	1	1942	132	0	0	1
				4W	2101	143	1	0	1	2101	143	1	0	1	1946	132	0	0	1
		20	20.5	2	2973	141	1	0	1	2973	141	1	0	1	2753	130	1	0	1
				3	3007	142	1	0	1	3007	142	1	0	1	2784	132	1	0	1
				4F	2915	138	1	0	1	2915	138	1	0	1	2699	128	1	0	1
				4W	2921	138	1	0	1	2921	138	1	0	1	2705	128	1	0	1
		30	28.8	2	4000	137	1	0	1	4000	137	1	0	1	3704	126	1	0	1
				3	4045	138	1	0	1	4045	138	1	0	1	3745	128	1	0	1
				4F	3922	134	1	0	1	3922	134	1	0	1	3631	124	1	0	1
				4W	3930	134	1	0	2	3930	134	1	0	2	3638	124	1	0	1
		35	37.3	2	4997	134	1	0	1	4997	134	1	0	1	4627	124	1	0	1
				3	5053	135	1	0	2	5053	135	1	0	2	4679	125	1	0	1
				4F	4899	131	1	0	1	4899	131	1	0	1	4536	122	1	0	1
				4W	4909	132	1	0	2	4909	132	1	0	2	4545	122	1	0	2
		45	45.9	2	5990	127	1	0	1	5990	127	1	0	1	5546	118	1	0	1
				3	6057	128	1	0	2	6057	128	1	0	2	5608	119	1	0	2
				4F	5872	124	1	0	2	5872	124	1	0	2	5437	115	1	0	1
				4W	5884	125	1	0	2	5884	125	1	0	2	5448	115	1	0	2
	80L	20	19.4	2	3485	161	1	0	1	3485	161	1	0	1	3200	147	1	0	1
				3	3516	162	1	0	1	3516	162	1	0	1	3229	149	1	0	1
				4F	3485	161	1	0	1	3485	161	1	0	1	3200	147	1	0	1
				4W	3535	163	1	0	1	3535	163	1	0	1	3246	150	1	0	1
		25	26.7	2	4443	154	1	0	1	4443	154	1	0	1	4080	141	1	0	1
				3	4483	155	1	0	1	4483	155	1	0	1	4117	142	1	0	1
				4F	4443	154	1	0	1	4443	154	1	0	1	4080	141	1	0	1
				4W	4507	156	1	0	1	4507	156	1	0	1	4139	143	1	0	1
		35	34.2	2	5438	147	1	0	1	5438	147	1	0	1	4994	135	1	0	1
				3	5488	148	1	0	1	5488	148	1	0	1	5039	136	1	0	1
				4F	5438	147	1	0	1	5438	147	1	0	1	4994	135	1	0	1
				4W	5516	149	1	0	2	5516	149	1	0	2	5066	137	1	0	1
		45	41.7	2	6369	145	1	0	1	6369	145	1	0	1	5848	133	1	0	1
				3	6427	146	2	0	2	6427	146	2	0	2	5901	134	1	0	1
				4F	6369	145	1	0	1	6369	145	1	0	1	5848	133	1	0	1
				4W	6460	147	1	0	2	6460	147	1	0	2	5933	135	1	0	2
		55	50.6	2	7209	137	2	0	2	7209	137	2	0	2	6620	126	1	0	1
				3	7275	139	2	0	2	7275	139	2	0	2	6680	127	2	0	2
				4F	7209	137	1	0	1	7209	137	1	0	1	6620	126	1	0	1
				4W	7313	139	1	0	2	7313	139	1	0	2	6715	128	1	0	2
		65	58.3	2	7781	130	2	0	2	7781	130	2	0	2	7145	119	2	0	2
				3	7852	131	2	0	2	7852	131	2	0	2	7210	120	2	0	2
				4F	7781	130	2	0	1	7781	130	2	0	1	7145	119	1	0	1
				4W	7893	132	1	0	2	7893	132	1	0	2	7248	121	1	0	2
		70	63.5	2	8367	128	2	0	2	8367	128	2	0	2	7683	117	2	0	2
				3	8443	129	2	0	2	8443	129	2	0	2	7753	119	2	0	2
				4F	8367	128	2	0	1	8367	128	2	0	1	7683	117	2	0	1
				4W	8487	130	1	0	2	8487	130	1	0	2	7794	119	1	0	2

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

PERFORMANCE DATA: MICROSTRIKE CONT'D

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW3	160L	45	46.2	2	7623	148	1	0	2	7623	148	1	0	2	7000	136	1	0	1
				3	7626	148	2	0	2	7626	148	2	0	2	7003	136	2	0	2
				4F	7590	147	2	0	1	7590	147	2	0	1	6970	135	1	0	1
				4W	7715	150	1	0	2	7715	150	1	0	2	7084	138	1	0	2
		70	68.3	2	10322	139	2	0	2	10322	139	2	0	2	9478	128	2	0	2
				3	10326	140	2	0	2	10326	140	2	0	2	9482	128	2	0	2
				4F	10277	139	2	0	2	10277	139	2	0	2	9437	128	2	0	2
				4W	10446	141	2	0	2	10446	141	2	0	2	9592	130	1	0	2
		95	91	2	12929	132	2	0	2	12929	132	2	0	2	11872	121	2	0	2
				3	12934	132	3	0	3	12934	132	3	0	3	11877	121	3	0	3
				4F	12873	131	2	0	2	12873	131	2	0	2	11821	120	2	0	2
				4W	13084	133	2	0	3	13084	133	2	0	3	12015	122	2	0	3
		105	106.3	2	15055	138	2	0	2	15055	138	2	0	2	13825	127	2	0	2
				3	15062	138	3	0	3	15062	138	3	0	3	13831	127	3	0	3
				4F	14991	138	2	0	2	14991	138	2	0	2	13766	127	2	0	2
				4W	15236	140	2	0	3	15236	140	2	0	3	13991	129	2	0	3
		135	134.8	2	17533	127	3	0	3	17533	127	3	0	3	16100	116	3	0	3
				3	17541	127	3	0	3	17541	127	3	0	3	16107	116	3	0	3
				4F	17457	126	2	0	2	17457	126	2	0	2	16031	116	2	0	2
				4W	17744	128	2	0	4	17744	128	2	0	4	16294	118	2	0	3
		155	158.3	2	20066	123	3	0	3	20066	123	3	0	3	18426	113	3	0	3
				3	20075	123	3	0	3	20075	123	3	0	3	18434	113	3	0	3
				4F	19980	123	3	0	3	19980	123	3	0	3	18347	113	2	0	2
				4W	20307	125	2	0	4	20307	125	2	0	4	18648	115	2	0	4

PERFORMANCE DATA: STRIKE

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW2	18L	25	22.6	2	3314	147	1	0	1	3298	146	1	0	G1	3171	140	1	0	1
				3	3356	148	1	0	1	3340	148	1	0	G1	3212	142	1	0	1
				4F	3367	149	0	0	1	3351	148	0	0	G1	3222	143	0	0	1
				4W	3361	149	1	0	2	3345	148	1	0	G2	3216	142	1	0	2
		30	31.3	2	4124	132	1	0	1	4104	131	1	0	G1	3946	126	1	0	1
				3	4176	133	1	0	2	4156	133	1	0	G2	3996	128	1	0	1
				4F	4189	134	1	0	1	4169	133	1	0	G1	4009	128	1	0	1
				4W	4182	134	1	0	2	4162	133	1	0	G2	4002	128	1	0	2
		39	38.8	2	4894	126	1	0	1	4870	126	1	0	G1	4683	121	1	0	1
				3	4956	128	1	0	2	4932	127	1	0	G2	4742	122	1	0	2
				4F	4972	128	1	0	2	4948	128	1	0	G2	4758	123	1	0	2
				4W	4963	128	1	0	2	4939	127	1	0	G2	4749	122	1	0	2
		50	52.6	2	6325	120	1	0	1	6295	120	1	0	G1	6052	115	1	0	1
				3	6405	122	1	0	2	6374	121	1	0	G2	6129	117	1	0	2
				4F	6426	122	1	0	2	6395	122	1	0	G2	6149	117	1	0	2
				4W	6414	122	1	0	3	6384	121	1	0	G3	6138	117	1	0	3
		60	60.4	2	6865	114	1	0	2	6832	113	1	0	G2	6569	109	1	0	2
				3	6952	115	1	0	2	6919	115	1	0	G2	6652	110	1	0	2
				4F	6974	115	1	0	2	6941	115	1	0	G2	6674	110	1	0	2
				4W	6962	115	1	0	3	6929	115	1	0	G3	6662	110	1	0	3

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PERFORMANCE DATA: STRIKE CONT'D

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW3	36L	55	63.1	2	7284	135	1	0	2	7249	134	1	0	G2	6970	129	1	0	2
				3	7376	137	1	0	2	7341	136	1	0	G2	7058	131	1	0	2
				4F	7400	137	1	0	2	7364	137	1	0	G2	7081	131	1	0	2
				4W	7387	137	1	0	3	7351	136	1	0	G3	7069	131	1	0	3
		80	77.6	2	9788	126	2	0	2	9741	126	2	0	G2	9366	121	2	0	2
				3	9912	128	1	0	3	9864	127	1	0	G3	9485	122	1	0	3
				4F	9944	128	1	0	2	9896	128	1	0	G2	9516	123	1	0	2
				4W	9926	128	1	0	3	9879	127	1	0	G3	9499	122	1	0	3
		105	108.2	2	12650	128	2	0	2	12589	127	2	0	G2	12105	122	2	0	2
				3	12810	130	2	0	3	12748	129	2	0	G3	12258	124	2	0	3
				4F	12851	130	1	0	3	12790	129	1	0	G3	12298	124	1	0	3
				4W	12829	130	2	0	3	12767	129	2	0	G3	12276	124	2	0	3
		120	120.9	2	13730	114	2	0	2	13664	113	2	0	G2	13138	109	2	0	2
				3	13904	115	2	0	3	13837	114	2	0	G3	13305	110	2	0	3
				4F	13949	115	1	0	3	13882	115	1	0	G3	13348	110	1	0	3
				4W	13924	115	2	0	4	13857	115	2	0	G4	13324	110	2	0	3

ELECTRICAL DATA: STRIKE

# OF LEDS	18L				
NOMINAL WATTAGE	25	30	39	50	60
SYSTEM POWER (W)	22.6	31.3	38.8	52.6	60.4
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.21	0.26	0.32	0.44	0.50
208	0.12	0.15	0.19	0.25	0.29
240	0.10	0.13	0.16	0.22	0.25
277	0.09	0.11	0.14	0.19	0.22
347	0.07	0.09	0.11	0.15	0.17
480	0.05	0.07	0.08	0.11	0.13

# OF LEDS	36L			
NOMINAL WATTAGE	55	80	100	120
SYSTEM POWER (W)	53.9	77.6	98.9	120.9
INPUT VOLTAGE (V)	CURRENT (Amps)			
120	0.45	0.65	0.82	1.01
208	0.26	0.37	0.48	0.58
240	0.22	0.32	0.41	0.50
277	0.19	0.28	0.36	0.44
347	0.16	0.22	0.29	0.35
480	0.11	0.16	0.21	0.25

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DATE: | LOCATION:

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CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ELECTRICAL DATA: MICROSTRIKE

# OF LEDS	24L		
NOMINAL WATTAGE	10	15	25
SYSTEM POWER (W)	6.6	14.0	23.0
INPUT VOLTAGE (V)	CURRENT (Amps)		
120	0.06	0.12	0.19
208	0.03	0.07	0.11
240	0.03	0.06	0.10
277	0.02	0.05	0.08
347	0.02	0.04	0.07
480	0.01	0.03	0.05

# OF LEDS	48L				
NOMINAL WATTAGE	15	20	30	35	45
SYSTEM POWER (W)	13.1	20.5	28.8	37.3	45.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.11	0.17	0.24	0.31	0.38
208	0.06	0.10	0.14	0.18	0.22
240	0.05	0.09	0.12	0.16	0.19
277	0.05	0.07	0.10	0.13	0.17
347	0.04	0.06	0.08	0.11	0.13
480	0.03	0.04	0.06	0.08	0.10

# OF LEDS	80L						
NOMINAL WATTAGE	20	25	35	45	55	65	70
SYSTEM POWER (W)	19.4	26.7	34.2	41.7	50.6	58.3	63.5
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	0.16	0.22	0.29	0.35	0.42	0.49	0.53
208	0.10	0.13	0.18	0.22	0.27	0.28	0.31
240	0.08	0.12	0.15	0.19	0.24	0.24	0.26
277	0.07	0.10	0.13	0.17	0.21	0.21	0.23
347	0.06	0.08	0.11	0.13	0.16	0.17	0.18
480	0.04	0.06	0.08	0.10	0.12	0.12	0.13

# OF LEDS	160L					
NOMINAL WATTAGE	45	70	95	105	135	155
SYSTEM POWER (W)	46.2	68.3	91	106.3	134.8	158.3
INPUT VOLTAGE (V)	CURRENT (Amps)					
120	0.39	0.57	0.76	0.89	1.12	1.32
208	0.22	0.33	0.44	0.51	0.65	0.76
240	0.19	0.28	0.38	0.44	0.56	0.66
277	0.17	0.25	0.33	0.38	0.49	0.57
347	0.13	0.20	0.26	0.31	0.39	0.46
480	0.10	0.14	0.19	0.22	0.28	0.33

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VIPER Wall

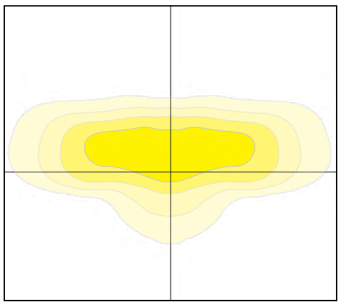
VPW1/VPW2/VPW3 LED WALLPACK

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

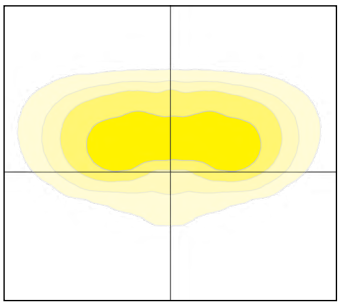
PHOTOMETRY

Mounting Height: 10ft

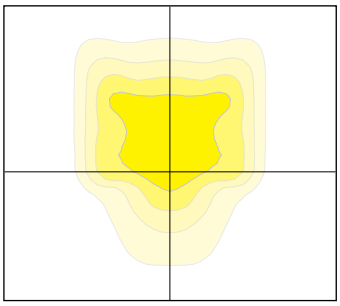
Type 2



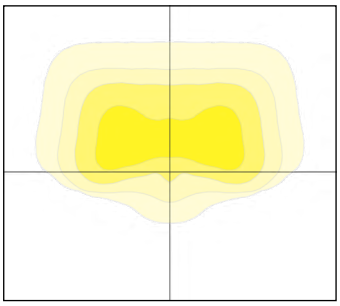
Type 3



Type 4F

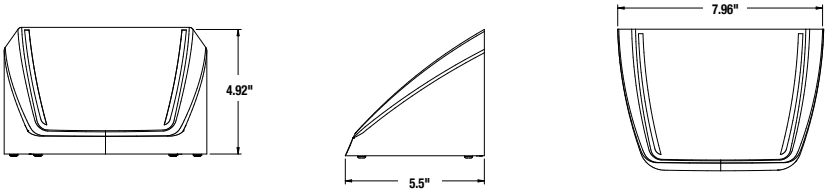


Type 4W

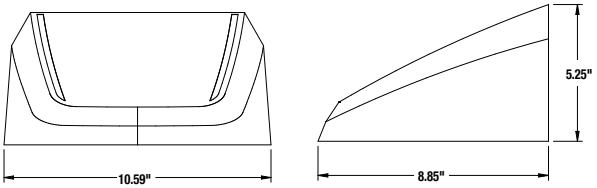


DIMENSIONS

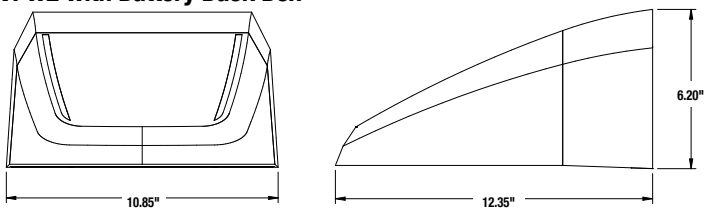
VPW1



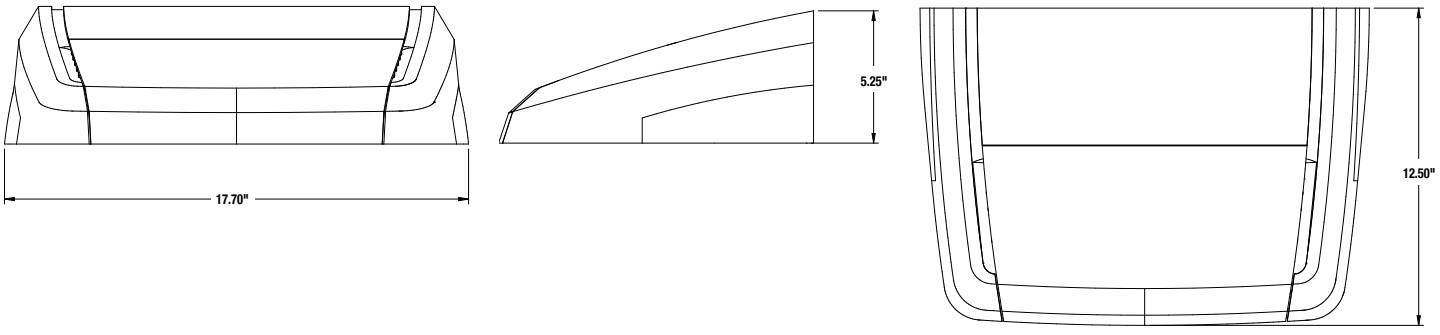
VPW2



VPW2 with Battery Back Box



VPW3



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VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

DATE: LOCATION:

TYPE: PROJECT:

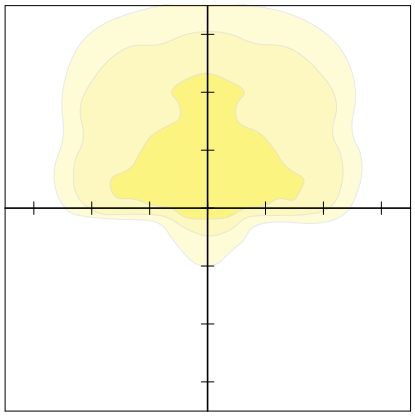
CATALOG #:

BATTERY OPTIONS & HOUSING SIZES

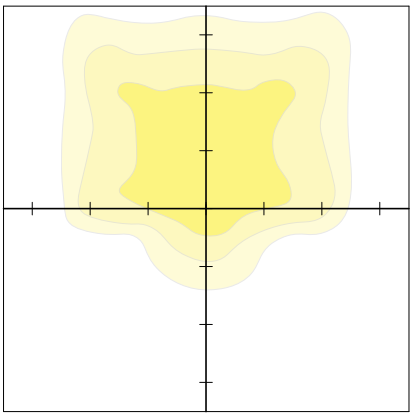
				Battery (E)		Battery with Heater (EH)	
Size	**Optics**	**# LEDs**	**Fixture Wattage**	**E (10W)**	**Housing**	**EH (13W)**	**Housing**
VPW1	Micro Strike	24L	10W	N/A	Not Available	N/A	Not Available
			15W				
			25W				
VPW2	Micro Strike	48L	15W	Y	Standard Housing	Y	Includes Integrated Back Box
			20W	Y	Standard Housing	Y	Includes Integrated Back Box
			30W	N/A	Not Available	Y	Includes Integrated Back Box
			35W	N/A	Not Available	Y	Includes Integrated Back Box
			45W	N/A	Not Available	Y	Includes Integrated Back Box
		80L	20W	N/A	Not Available	Y	Includes Integrated Back Box
			25W			Y	Includes Integrated Back Box
			35W			Y	Includes Integrated Back Box
			45W			Y	Includes Integrated Back Box
			55W			Y	Includes Integrated Back Box
			65W			Y	Includes Integrated Back Box
			70W			Y	Includes Integrated Back Box
	Strike	18L	25W	N/A	Not Available	Y	Includes Integrated Back Box
			30W			Y	Includes Integrated Back Box
			39W			Y	Includes Integrated Back Box
			50W			Y	Includes Integrated Back Box
			60W			Y	Includes Integrated Back Box
VPW3	Micro Strike	160L	45W	N/A	Not Available	Yes	Standard Housing
			70W			Yes	Standard Housing
			95W			Yes	Standard Housing
			105W			N/A	Not Available
			135W			N/A	Not Available
			155W			N/A	Not Available
	Strike	36L	55W	N/A	Not Available	Yes	Standard Housing
			80W			Yes	Standard Housing
			100W			Yes	Standard Housing
			120W			N/A	Not Available

PHOTOMETRY - BATTERY

18L BATTERY PHOTOMETRY



80L BATTERY PHOTOMETRY



Mounting Height: 12ft
Scale: 10ft

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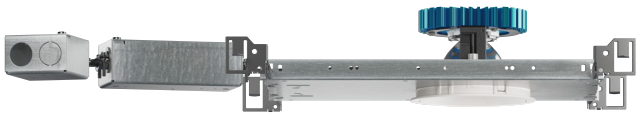
alphabet

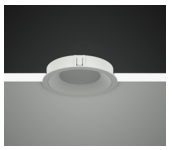
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

NU4 LOPRO

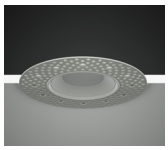
4" Round Downlight Standard White

NSF · AT airtight · DF dead-front · PR plenum rated · wet rated





Trim



Trimless

Trimless Millwork

20° - 65° BEAM (Note: Specifications are subject to change without notice)		
14mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	990LM @30K/80CRI	9W
15LM	1485LM @30K/80CRI	12W
20LM	2095LM @30K/80CRI	17W
25LM	2540LM @30K/80CRI	21W
30LM	3090LM @30K/80CRI	26W
10LM	840LM @30K/90/CRI	9W
15LM	1260LM @30K/90/CRI	12W
20LM	1780LM @30K/90/CRI	17W
25LM	2160LM @30K/90/CRI	21W
30LM	2620LM @30K/90/CRI	26W
Notes	Delivered lumens based on WH70 optic with no lens, (see page 2)	

8 - 12° BEAM (Note: Specifications are subject to change without notice)		
6mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	990LM @30K/80CRI	10W
15LM	1460LM @30K/80CRI	15W
10LM	840LM @30K/90CRI	10W
15LM	1240LM @30K/90CRI	15W
Notes	Delivered lumens based on S10 optic with no lens, (see page 2)	

FEATURES
- 3/4" bezel regress with 1/16" micro flange
- 8° - 65° optical beam control
- UGR < 19
- 110 LPW average
- Glare control, specialty optics, trim options, and custom finishes available
- Microban® antimicrobial finish available on all exposed painted surfaces

DIMMING AND CONTROLS
- 0-10V dimming to 1%
- Leading & trailing edge (Triac / ELV) dimming to 1%

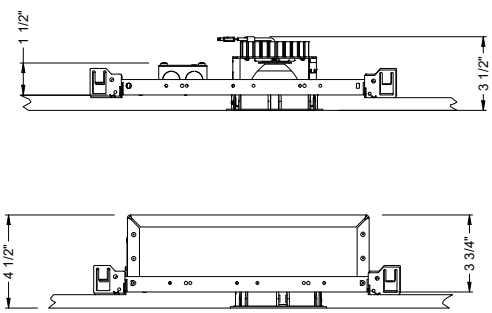
CONSTRUCTION
- Lexan™ (PC) highly resistant to impact and heat (240°F)
- Optimal material for wireless signal connectivity
- Shatter proof acrylic bezel lens
- Electrocoated 16-gauge cold-rolled steel construction
- Accommodates ceiling thickness from 1/8" to 1-5/8"

LED
- 90 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L_{70} > 66,000 hrs
- 80 CRI: SDCM = 3-step MacAdam Ellipse, Lumen Maintenance: L_{70} > 66,000 hrs

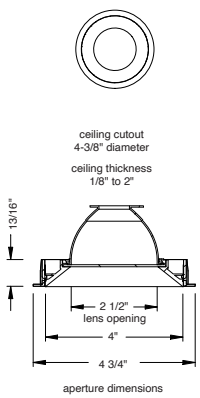
LISTING
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations with lens - Suitable for damp locations without lens
- Non-conductive, dead-front construction (shower approved)
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- **Declare.** - LBC Red List Approved
- 5 Year Limited warranty

ELECTRICAL
- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Remote emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C)

FIXTURE HEIGHT

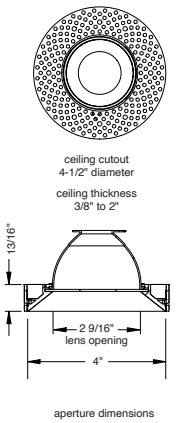


TRIMMED



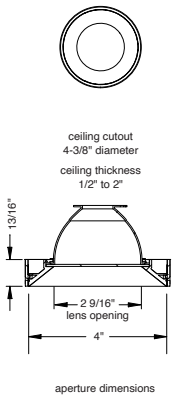
aperture dimensions

TRIMLESS



aperture dimensions

MILLWORK



aperture dimensions

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

8°- 65° BEAM ORDERING CODE

SERIES	**NU4**	NU4
TYPE	**RDLP**	round downlight lopro
	RDTLP	round downlight trimless lopro
	RDTMWLP	round downlight trimless millwork lopro
LED	**SW**	standard white
DELIVERED LUMENS	**10LM**	990 lm
	15LM	1485 lm
	20LM	2095 lm
	25LM	2540 lm
	30LM	3090 lm
	Standard Configuration: 3000K 80CRI WH70 **Calculated Delivered Lumens =** [Delivered Lumen Value] x [CCT Multiplier] x [Reflector Multiplier]	
CCT	**27K**	2700K
	30K	3000K
	35K	3500K
	40K	4000K

CCT	2700K		3000K		3500K		4000K	
CRI	80+	90+	80+	90+	80+	90+	80+	90+
CCT MULTIPLIER FOR LUMEN OUTPUT	0.96	0.81	1.00	0.85	1.03	0.88	1.06	0.91

CRI	**80**	80 CRI	
	90	90 CRI	
OPTIC & LM MULTIPLIER SEE PAGE 5, 6	**8D**[1]	8 degrees	(1.00)
	12D[1]	12 degrees	(1.00)
	20D	20 degrees	(0.99)
	25D	25 degrees	(1.00)
	35D	35 degrees	(0.99)
	50D	50 degrees	(0.99)
	65D	65 degrees	(0.99)
BEZEL LENS SEE PAGE 3, 4	**NL**[2]	no lens	(1.00)
	CL	clear lens	(0.98)
	DL	diffused lens	(0.91)
	E[3]	elliptical beam spread	(0.92)
	HCL[4]	honeycomb louver	(0.85)
	HET	high efficiency textured lens, similar to Solite™	(0.92)
	SBL	smoothing beam lens	(0.92)
	Color lenses (amber, blue, green, red) see page 4.		
TRIM COLOR SEE PAGE 3, 4	**BK**	black	
	WH	white	
	MC	matte chrome	
	BZ	bronze	
	WT	wheat	
	CC[5]	custom color, consult factory for details	
	Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM.		
	Not applicable to trimless option. Do not include in trimless ordering code.		
BEZEL COLOR SEE PAGE 3, 4	**BK**	black	(0.98)
	WH	white	(1.00)
	MC	matte chrome	(0.99)
	BZ	bronze	(0.98)
	WT	wheat	(0.99)
	CC[5]	custom color, consult factory for details	
	Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM.		

8°- 65° BEAM ORDERING CODE

MOUNTING OPTIONS SEE PAGE 2, 8	**NC**	new construction with ceiling fitting plate
	IC[6]	insulation contact housing
	RET	retrofit, no ceiling fitting plate
VOLTAGE	**120**	120V
	UNV	120V-277V
DIMMING	**ELV1**[7]	leading & trailing edge (Triac/ELV) dimming to 1%
	DIM10	0-10V dimming to 1%
ELECTRICAL OPTIONS	**EM7**	emergency battery backup, 90 minutes at 7W to LED
	EM12	emergency battery backup, 90 minutes at 12W to LED
	EM10CA20	remote emergency battery backup, 90 minutes at 10W to LED, CA title 20

ADDITIONAL MOUNTING INFO

New Construction Bar Hangers (included)	Mounting Length: 14-3/4" to 26"
Extension Kit p/n: K20266 (ordered separately, 1 per fixture)	*Extends a pair of Bar Hangers* Total Mounting Length: 29" to 48"

YOUR COMPLETED ORDERING CODE

Follow the steps to specify your fixture, example:

NU4 - RDLP - SW - 20LM - 35K - 90 - 25D - NL - WH - WH - NC - UNV - DIM10 - EM7

NOTES

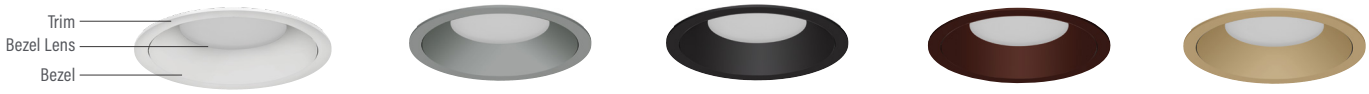
1. 8D/12D available in 10LM/15LM.
2. NL option does not meet requirements for AT/DF/WET/NSF listings. Lensing cannot be added in the field.
3. Elliptical lens not available with 8D/12D optic options. Actual beam distributions [20D= 35° x 60° , 25D= 40° x 65° , 35D= 45° x 70° , 55D= 55° x 80°]
4. HCL not available with lens.
5. Custom set up fee plus minimum quantity required per color.
6. IC not available in 30LM.
7. ELV1 (120V) not available in 10LM.

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

TRIM OPTIONS

TRIM/BEZEL COLORS



WH MC BK BZ WT

OPTICAL OPTIONS

- UGR calculation based on CIE 117-1995; room size: 4H X 8H, reflectance: 70/50/20;
- UGR calculation based on 15LM fixtures, unless otherwise noted.

REFLECTOR OPTIC ACCESSORY
Honeycomb Louver

OPTIC	BEAM ANGLE	UGR
8D	7.8	10.9
12D	11.3	23.5
20D	17.4	12.5
25D	22.2	13.9
35D	32.4	16.5
50D	44.9	13.4
65D	52	15.5

NL
No Lens

OPTIC	BEAM ANGLE	UGR
8D	7.8	14.2
12D	11.9	13.8
20D	18	13.6
25D	22.8	13.1
35D	36.2	14.5
50D	49.2	18.3
65D	64.5	18.8

CL
Clear Lens

OPTIC	BEAM ANGLE	UGR
8D	7.9	13.7
12D	12.1	13.3
20D	18	13.3
25D	22.8	12.8
35D	36.2	14.2
50D	49.2	18.1
65D	64.6	18.5

DL
Diffused Lens

OPTIC	BEAM ANGLE	UGR
20D	39.4	19.5
25D	42.4	19.8
35D	50.6	20.8
50D	56.7	21.4
65D	66.7	23.3

HET
High Efficiency Textured Lens

OPTIC	BEAM ANGLE	UGR
20D	22.5	13.8
25D	27	14
35D	38.8	15.8
50D	49.8	16.5
65D	60.4	19.5

SBL
Smoothing Beam Lens

OPTIC	BEAM ANGLE	UGR
8D	10.2	12.8
12D	13.2	12.9
20D	19.3	13
25D	24.3	13.1
35D	37.2	14.8
50D	51.2	15.6
65D	62.2	18.8

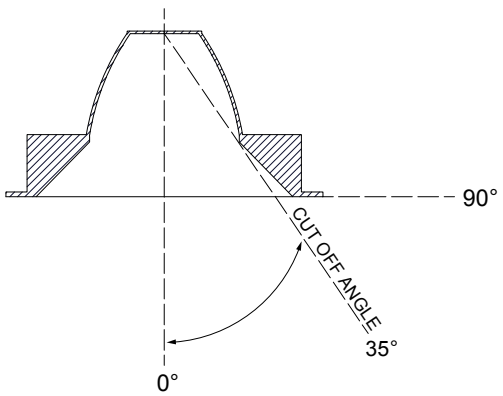
GLARE CONTROL

CUT-OFF ANGLE

Visual comfort is achieved with a lower cut-off angle due to improved glare control. The smaller the cut-off angle, the easier it is on the eye.

Alphabet downlights have been thoughtfully engineered to eliminate glare while still delivering functional illumination.

- Cutoff angle of CL is 35 degrees;

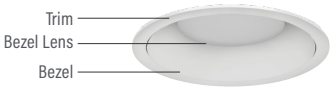


alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

TRIM OPTIONS

TRIM/BEZEL COLORS



WH

MC

BK

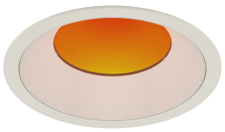
BZ

WT

OPTICAL OPTIONS

- UGR calculation based on CIE 117-1995; room size: 4H X 8H, reflectance: 70/50/20;
- UGR calculation based on 15LM fixtures, unless otherwise noted.

AMBER



OPTIC	MULTIPLIER	BEAM SPREAD
20D	0.485	18°
25D	0.484	22°
35D	0.485	35°
50D	0.48	50°
65D	0.473	60°

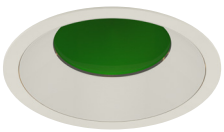
AVERAGE LUMENS: 2000LM 1880 CCT

RED

OPTIC	MULTIPLIER	BEAM SPREAD
20D	0.04	18°
25D	0.04	22°
35D	0.04	35°
50D	0.04	50°
65D	0.038	60°

AVERAGE LUMENS: 168LM

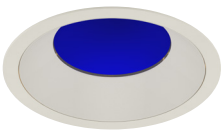
GREEN



OPTIC	MULTIPLIER	BEAM SPREAD
20D	0.202	18°
25D	0.202	22°
35D	0.204	35°
50D	0.2	50°
65D	0.196	60°

AVERAGE LUMENS: 850LM

BLUE



OPTIC	MULTIPLIER	BEAM SPREAD
20D	0.051	18°
25D	0.051	22°
35D	0.053	35°
50D	0.05	50°
65D	0.049	60°

AVERAGE LUMENS: 210LM

Add AM / BL / GR / RD to bezel lens ordering code section.
Example: NU4 - RD - SW - 10LM - 30K - 80 - 35D - **BL** - WH - WH - NC - UNV - DIM

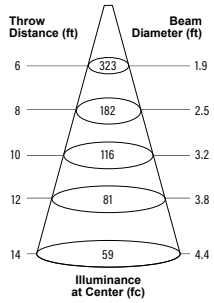
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA

20LM CCT MULTIPLIERS		
	80CRI	90CRI
2700K	0.96	0.81
3000K	1	0.85
3500K	1.03	0.88
4000K	1.06	0.91
FC Formula = CBCP / Distance^2		

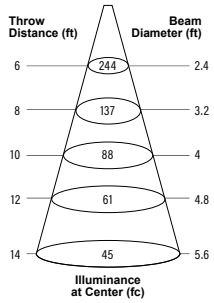
20D 18° NO LENS



WATTS: 17.2	LPW: 121.4
LUMENS: 2088	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	11622
5	10517
15	2170
25	862
35	401
45	3

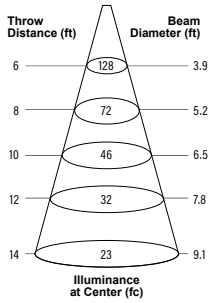
25D 23° NO LENS



WATTS: 17.2	LPW: 122.1
LUMENS: 2099	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	8779
5	7589
15	2759
25	940
35	372
45	2

35D 36° NO LENS

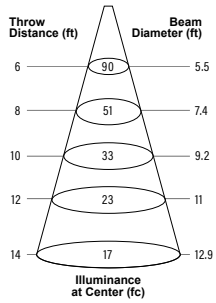


WATTS: 17.2	LPW: 120.6
LUMENS: 2074	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	4594
5	4283
15	2845
25	1317
35	435
45	10

20LM CCT MULTIPLIERS		
	80CRI	90CRI
2700K	0.96	0.81
3000K	1	0.85
3500K	1.03	0.88
4000K	1.06	0.91
FC Formula = CBCP / Distance^2		

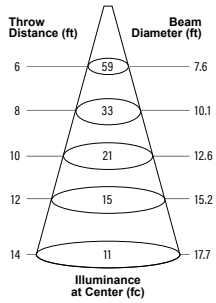
50D 49° NO LENS



WATTS: 17.2	LPW: 121.2
LUMENS: 2085	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	3253
5	3231
15	2606
25	1591
35	450
45	13

65D 65° NO LENS



WATTS: 17.2	LPW: 120.9
LUMENS: 2080	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	2103
5	2101
15	1990
25	1520
35	779
45	144

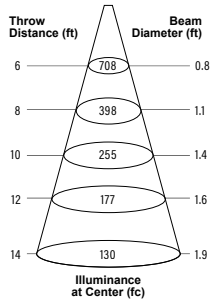
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA

10LM CCT MULTIPLIERS		
	80CRI	90CRI
2700K	0.96	0.81
3000K	1	0.85
3500K	1.03	0.88
4000K	1.06	0.91
FC Formula = CBCP / Distance^2		

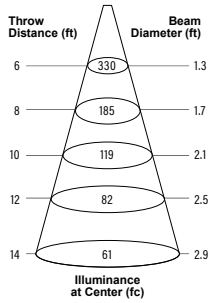
8D
7.8° NO LENS



WATTS: 10.2	LPW: 97.9
LUMENS: 998	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	25483
5	8161
15	463
25	362
35	215
45	0.5

12D
12° NO LENS



WATTS: 8.7	LPW: 115
LUMENS: 1001	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	11863
5	7515
15	660
25	371
35	192
45	0.3

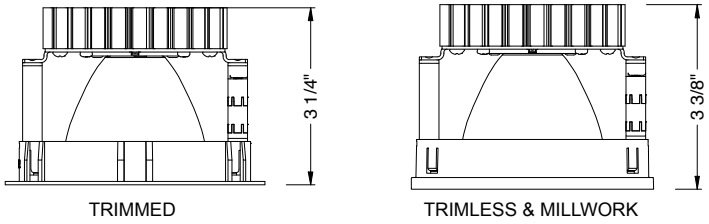
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS

FIXTURE HEIGHT

10M - 30LM CONFIGURATION

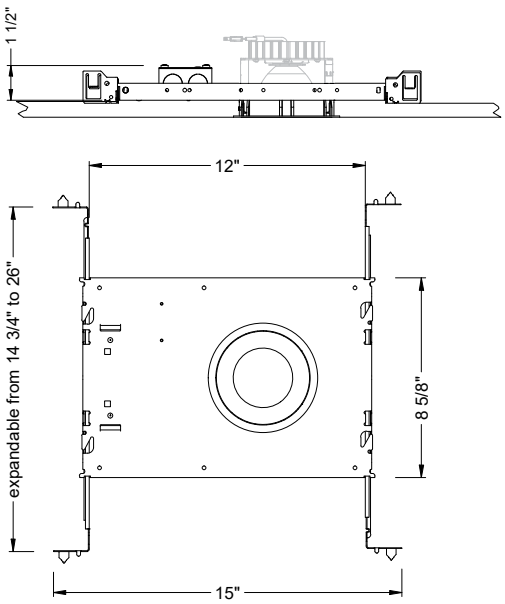


TRIMMED

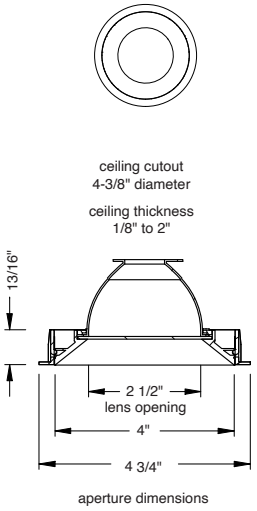
TRIMLESS & MILLWORK

NC - NEW CONSTRUCTION

TRIM

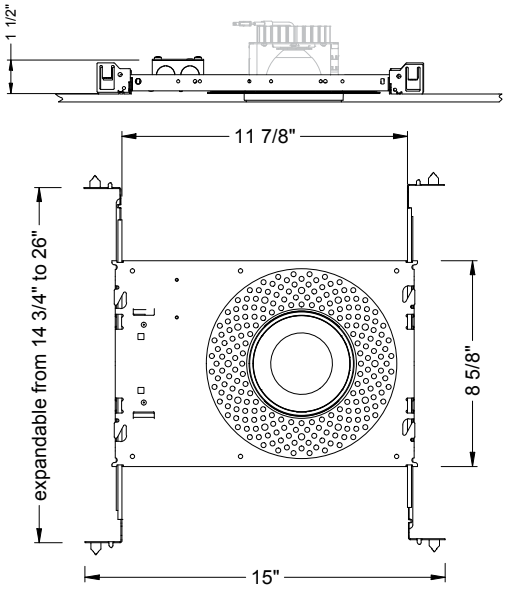


TRIM

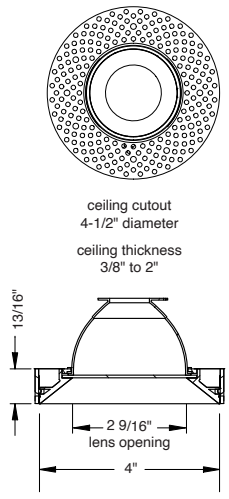


aperture dimensions

TRIMLESS

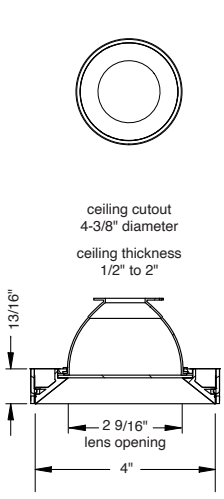


TRIMLESS



aperture dimensions

TRIMLESS/MILLWORK



aperture dimensions

100878

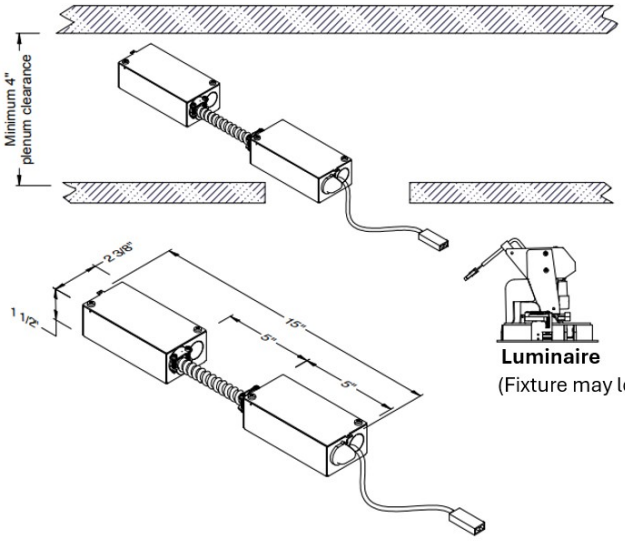
In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product.

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS (CONTINUED)

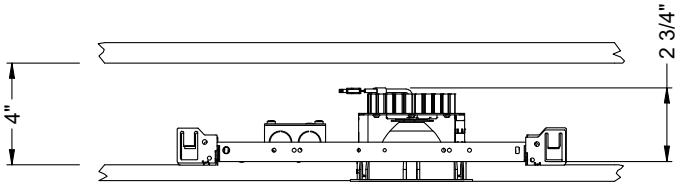
RET - RETRO
TRIM/TRIMLESS

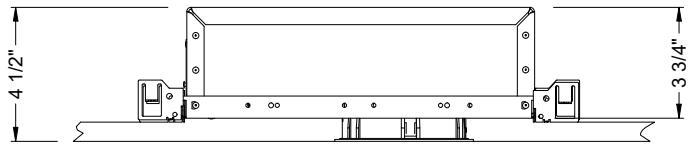


Luminaire
(Fixture may look different)

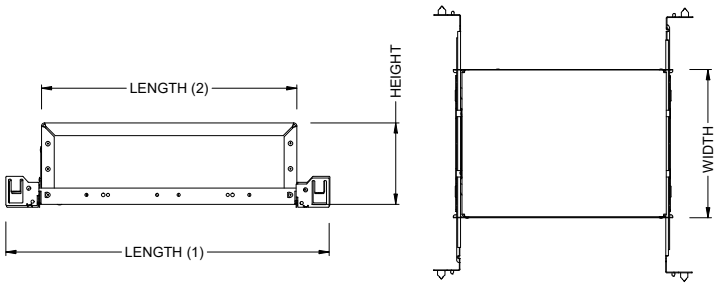
RATINGS / CERTIFICATIONS	NC	RET	IC
TYPE NON-IC	✔	✔	
TYPE IC			✔
CHICAGO PLENUM (CCEA)			
SUITABLE FOR AIR HANDLING PLENUMS	✔	✔	✔
REDUCED AIRFLOW (WITH LENS) ASTM E283	✔	✔	✔

CEILING THICKNESS	
FIXTURE TYPE	MOUNTING TYPE
	NC, IC, RET
	STANDARD CEILING THICKNESS
TRIM	1/8" to 2"
TRIMLESS	3/8" to 2"
MILLWORK (TRIMLESS)	1/2" to 2"





IC - INSULATION CONTACT HOUSING



BOX SIZE	L 1	L 2	W	H
A	15 - 7/16"	11 - 3/4"	8 - 1/2"	3 - 3/4"

BOX TYPE / LUMEN OUTPUT - NARROW BEAM (8° - 12°)	
LUMEN OUTPUT	IC
10LM	✔
15LM	✔

BOX TYPE / LUMEN OUTPUT - STANDARD BEAMS (20° - 65°)	
LUMEN OUTPUT	IC
10LM	✔
15LM	✔
20LM	✔
25LM	✔
30LM	

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

BATTERY OPTIONS

EMERGENCY BATTERY

IOTA's ILB Battery Backups are UL Listed LED emergency drivers that allow the same LED fixture to be used for both normal and emergency operation. In the event of a power failure, the ILB switches to the emergency mode and operates the existing fixture for 90 minutes. The unit contains a battery, charger, and converter circuit in a single can. The Constant Power design of the ILB maintains the output wattage to the LED array even as the system voltage diminishes. UL 924 Listed for U.S. and Canada. UL 1310 Certified, Output Class 2 Compliant. Includes single-piece TBTS test switch and charge indicator accessory kit. For use with switched and unswitched fixtures, and includes Two-wire universal AC input. Meets or exceeds all National Electric Code and Life Safety Code Emergency Lighting Requirements. Rated for use in Plenum, Damp Location, Recessed Type IC, and Enclosed and Gasketed Luminares.

REMOTE TEST SWITCH

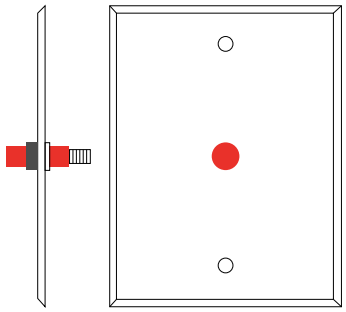
The Remote Test Switch may be mounted adjacent to the LED Fixture by others.

EMERGENCY BATTERY ACCESS

Above ceiling access is required for service. An access panel in the ceiling (or other form of access) adjacent to the installation location of the Emergency Battery is required.

REMOTE LOCATION

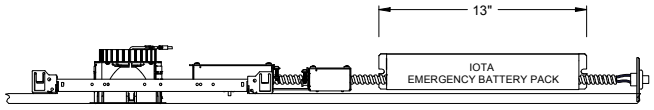
Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all Local and National Electric/ Building Codes.



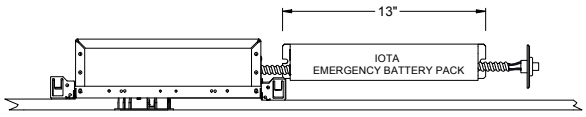
Remote Test Switch

EM MODE OUTPUT (DELIVERED LUMENS)			
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS (10LM TO 30LM)	700LM	1000LM	1200LM
Notes: Based on 30K, 80CRI			

NC - NEW CONSTRUCTION
WITH EM BATTERY (REMOTE TEST SWITCH)

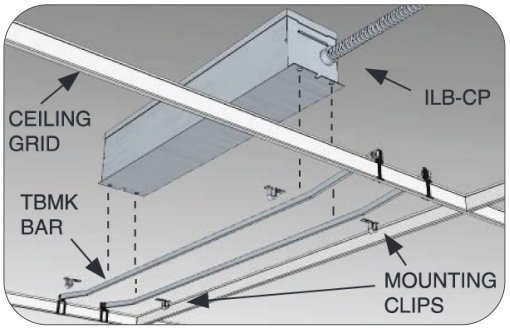


IC - INSULATION CONTACT HOUSING
WITH EM BATTERY (REMOTE TEST SWITCH)



Accessory

76066 Optional T-Grid Mounting Kit[2]



2. Can be used with any of the Emergency Battery Backups. Must be ordered as a separate line item.

In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product.

PROJECT COMMENTS

CITY OF ROCKWALL
385 S. GOLIAD STREET
ROCKWALL, TEXAS 75087
PHONE: (972) 771-7700

DATE: 5/21/2026

PROJECT NUMBER: SP2026-015
PROJECT NAME: Site Plan for 2200 Ridge Road
SITE ADDRESS/LOCATIONS: 2200 Ridge Road, Rockwall, TX, 75087

CASE CAPTION: Discuss and consider a request by Thong Thai of B + A Architecture, LLC on behalf of Kim Lien Thi Nguyen of Beauty Legacy, LLC for the approval of a Site Plan for a Strip Retail Center on a 0.976-acre parcel of land identified as Lot 8, Block A, Sky Ridge Addition, City of Rockwall, Rockwall County, Texas, zoned Commercial (C) District, situated within the Scenic Overlay (SOV) District, addressed as 2200 Ridge Road [FM-740], and take any action necessary.

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT
PLANNING	Henry Lee	05/21/2026	Needs Review

05/21/2026: Please address the following comments (M= Mandatory Comments; I = Informational Comments)

I.1 This is a request for the approval of a Site Plan for a Strip Retail Center on a 0.976-acre parcel of land identified as Lot 8, Block A, Sky Ridge Addition, City of Rockwall, Rockwall County, Texas, zoned Commercial (C) District, situated within the Scenic Overlay (SOV) District, addressed as 2200 Ridge Road [FM-740].

I.2 For questions or comments concerning this case please contact Henry Lee in the Planning Department at (972) 772-6434 or email hlee@rockwall.com.

M.3 For reference, include the case number (SP2026-015) in the lower right-hand corner of all pages of all revised plan submittals. (Subsection 01.02(D), Article 11, UDC)

I.4 The subject property will be required to be plat in order to any new establish easements or new lot lines.

M.5 Provide the standard signature block with signature space for the Planning and Zoning Chairman and the Planning Director on all pages of the plans. Also remove the red placeholder text from the signature block. (Subsection 03.04. A, of Article 11)

APPROVED:
I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission of the City of Rockwall on the ____ day of _____, _____.

WITNESS OUR HANDS, this _____ day of _____, _____.

_____ _____
Planning & Zoning Commission, Chairman Director of Planning and Zoning

M.6 Site Plan.
(1) Please note that all signage is handled through a separate building permit. (Subsection 03.04. B, of Article 11, UDC)
(2) All roof top equipment must be fully screened by the parapet. Please be cognizant that the subject property is at a low point and will have high visibility from the adjacent roadways. (Subsection 01.05.C, of Article 05, UDC)

(3) Please note the dumpster enclosure must incorporate a self-latching mechanism on the gate. (Subsection 01.05. B, of Article 05, UDC)

M.7 Landscape Plan.
(1) The proposed parking along Ridge Road encroaches into the landscape buffer. This will be an exception request from the Planning and Zoning Commission. (Subsection 05.01, of Article 08, UDC)

M.8 Building Elevations
(1) The exterior finish schedule indicates Bighorn Stacked Stone. Where is this being utilized on the building? (Subsection 05, UDC)
(2) The building elevations indicate recessed walls; however, the building footprint on the site plan and landscape plan do not show the indicated recessed walls. Please correct this to make the plans consistent. (Article 05, UDC)
(3) Please ghost in the elevations beyond each façade. This will allow staff to see how the back of the parapets are being finished. (Subsection 04.01, of Article 05, UDC)
(4) The subject property is located within the Scenic Overlay District and is required to provide primary articulation on each façade. In this case, the proposed building elevations do not meet the primary articulation standards. The applicant has indicated they are requesting a variance to this requirement. (Subsection 04.01, of Article 05, UDC)

M.9 At this time, based on the materials submitted, staff has identified several changes to the site, landscape, photometric, and building design that require changes. Any required changes that are not made will be an exception/variance. These exceptions/variances must be approved by the Planning and Zoning Commission.

M.10 According to Article 11, Development Application and Review Procedures, of the Unified Development Code (UDC), two (2) compensatory measures (above and beyond the requirements of the UDC) for each exception or variance is required. In order to request an exception or variance, the applicant will need to provide a letter outlining the requested exceptions and required compensatory measures. For every requested exception or variance, two (2) compensatory measures must be provided.

I.11 Please note that failure to address all comments provided by staff by 3:00 PM on June 2, 2026 will result in the automatic denial of the case on the grounds of an incomplete submittal. No refund will be given for cases that are denied due to an incomplete submittal, and a new application and fee will be required to resubmit the case.

I.12 Please note the scheduled meetings for this case:

(1) Planning & Zoning Commission meeting/work session meeting will be held on May 26, 2026.
(2) Planning and Zoning Commission action meeting will be held on June 9, 2026.

I.13 All meetings will be held in person and in the City's Council Chambers. All meetings listed above are scheduled to begin at 6:00 p.m. (P&Z). The City requires that a representative(s) be present for these meetings. During the upcoming work session meeting with the Planning and Zoning Commission, representative(s) are required to present their case and answer any questions the Planning Commission may have regarding this request.

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT
ENGINEERING	Madelyn Price	05/20/2026	Approved w/ Comments

05/20/2026: 1. Min 9'

General Items:
- Must meet City 2023 Standards of Design and Construction
- 4% Engineering Inspection Fees
- Impact Fees (Water, Sewer, Roadway).
- Minimum easement width is 20' for new easements.
- No structures including walls and overhangs allowed in easements.
- Retaining walls 3' and over must be engineered.
- All retaining walls 18" or taller must be rock or stone face. No smooth concrete walls.
- All utilities must be underground.
- The property must be platted.
- Additional comments may be provided at time of Site Plan and Engineering.

Roadway Paving Items:
- All parking, storage, drive aisles must be steel reinforced concrete. No rock, gravel, or asphalt allowed.
- No gravel or asphalt allowed in any area.
- All Parking to be 20'x9' minimum.
- Parking may not be off a public Roadway. Vehicle must not be required to back onto a public roadway, including trash trucks.
- No dead-end parking allowed without an City approved turnaround. 15'x64' striped no parking.
- Drive isles to be 24' wide.
- Fire lane to have 20' min radius if buildings are less than 30' tall. If any of the buildings are 30' or more, the fire lane will be 30' radius minimum.
- Fire lane to be in a platted easement.

Water and Wastewater Items:
- Site plan must show existing/proposed utility lines (Water, Sewer, etc.)
- Any public water lines must be a minimum of 8", looped, and must be in a 20' wide easement. (Meet City of Rockwall Standards of Design and Construction)
- Only one "use" off a dead-end line (domestic, irrigation, fire sprinkler, fire hydrant, etc.)
- All commercial sewer connections must be made by a proposed or existing manhole.
- Min 20' utility easements. No structures allowed in easements
- Water to be 10' separated from storm and sewer lines.
- All public utilities must be centered in an easement.
- There is an existing 8" water main on site available for use.
- There is an existing 8" sewer main on site available for use.

Drainage/Floodplain/Lakes:
- Detention has already been provided for this site.
- Existing flow patterns must be maintained. Cannot increase runoff in any direction.
- The property owner will be responsible for maintaining, repair, and replacement of the detention/drainage systems.
- No grate inlets allowed
- Dumpsters must drain to an oil/water separator and then back into the storm drainage system.

Landscaping:
- No trees to be with 10' of any public water, sewer or storm line that is 10" in diameter or larger.
- No trees to be with 5' of any public water, sewer, or storm line that is less than 10".
- No landscape berms or tree plantings shall be located on top of City utilities or within easements.

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT
BUILDING	Craig Foshee	05/21/2026	Approved

No Comments

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT
FIRE	Ariana Kistner	05/19/2026	Approved w/ Comments

05/19/2026: The submitted site plan appears to provide compliant fire apparatus access roads/fire lanes based on the information currently shown.

Fire sprinkler requirements and related fire protection features have not been reviewed at this time. No Fire Department Connection (FDC) location is shown on the submitted plans. FDC location and accessibility requirements have not been reviewed at this stage.

Additional comments may be provided during subsequent phases of review once fire protection information is submitted.

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT

GIS	Lance Singleton	05/18/2026	Approved

No Comments

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT
POLICE	Chris Cleveland	05/18/2026	Approved

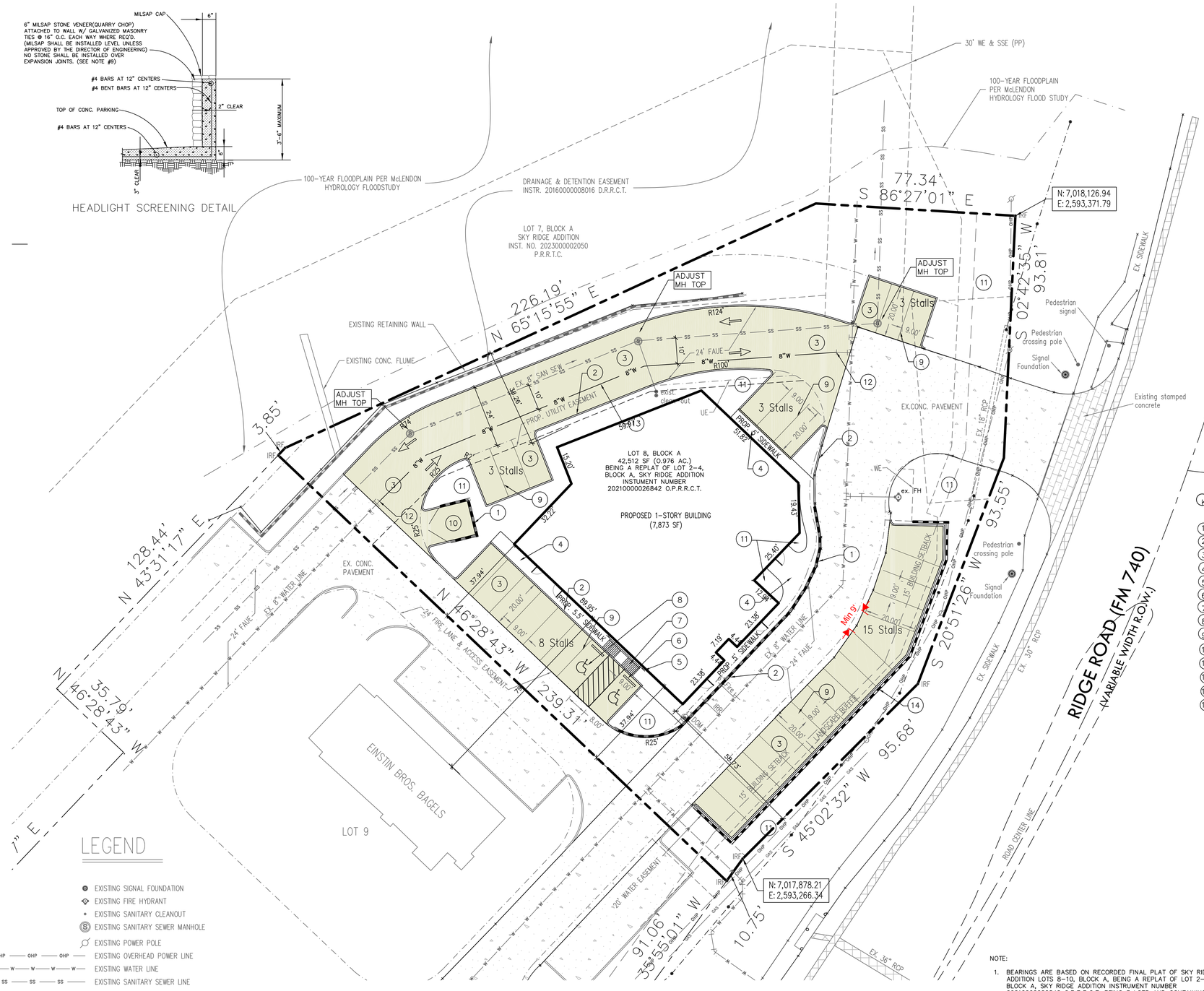
No Comments

DEPARTMENT	REVIEWER	DATE OF REVIEW	STATUS OF PROJECT
PARKS	Travis Sales	05/18/2026	Approved w/ Comments

05/18/2026: 1. Need plant legend showing container sizes and quantities

2. Better varieties of turfgrass than Common Bermuda such as Tif Tuf and Tahoma 31 that are more drought, cold, wear and shade tolerant.

HEADLIGHT SCREENING DETAIL



LEGEND

- EXISTING SIGNAL FOUNDATION
- EXISTING FIRE HYDRANT
- EXISTING SANITARY CLEANOUT
- EXISTING SANITARY SEWER MANHOLE
- EXISTING POWER POLE
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- SS — EXISTING SANITARY SEWER LINE
- EXISTING CONCRETE PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- FAUE — FIRE LANE ACCESS & UTILITY EASEMENT
- UE — UTILITY EASEMENT
- WE — WATER LINE EASEMENT

APPROVED:
I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission of the City of Rockwall on the _____ day of _____, _____.

WITNESS OUR HANDS, this _____ day of _____, _____.

_____ Planning & Zoning Commission, Chairman

_____ Director of Planning and Zoning

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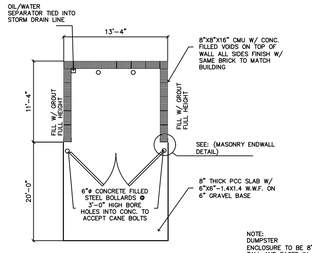
- No landscape berms or tree plantings shall be located on top of City utilities or within easements.

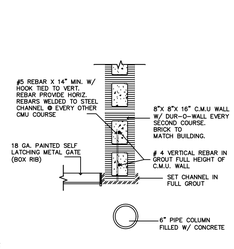
KEYNOTES

1. CONSTRUCT RETAINING WALL
2. CONSTRUCT MONOLITHIC CONCRETE CURB
3. CONSTRUCT 6" THICK PORTLAND CEMENT CONCRETE PAVEMENT PER PAVING PLAN
4. CONSTRUCT 4" THICK CONCRETE SIDEWALK
5. INSTALL HANDICAP SIGN
6. INSTALL PRECAST CONCRETE WHEELSTOPS
7. CONSTRUCT STANDARD ADA RAMP
8. PAINT HANDICAP SYMOL – WHITE ON BLUE BACKGROUND
9. PAINT 4" SOLID STRIPE – WHITE
10. CONSTRUCT 8" THICK PCC SLAB TRASH ENCLOSURE W/OIL/WATER SEPARATOR CONNECTED TO STORM
11. LANDSCAPE AREA
12. REMOVE PLUG AND CONNECT PROP. 8" WATER LINE TO EX. 8" WATER LINE
13. INSTALL 8" WATER LINE
14. CONSTRUCT RETAINING WALL WITH HEADLIGHT SCREENING



TRASH ENCLOSURE PLAN
SCALE: NONE

NOTE: DUMPSTER ENCLOSURE TO BE 8' TALL AND FACED IN THE SAME MATERIAL AS THE PRIMARY BUILDING.



MASONRY ENDWALL DETAIL
SCALE: NONE

DUMPSTER ENCLOSURE DETAIL

NOTE:
1. BEARINGS ARE BASED ON RECORDED FINAL PLAT OF SKY RIDGE ADDITION LOTS 8-10, BLOCK A, BEING A REPLAT OF LOT 2-4, BLOCK A, SKY RIDGE ADDITION INSTRUMENT NUMBER 20210000026842 O.P.R.R.C.T. BEING 3 LOTS AND CONTAINING 2.293 ACRES CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS.
2. EASEMENTS AND SETBACKS SHOWN HEREON ARE BASED ON RECORDED PLAT (CASE NO. P2023-005) UNLESS OTHERWISE NOTED.
3. UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY EXACT LOCATION OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
4. ALL DIMENSIONS ARE TO FACE OF CURB.
5. THERE SHALL BE NO ABOVE GROUND STORAGE TANKS OR OUTSIDE STORAGE, WHICH INCLUDES VEHICLES.

Henry Nguyen Consulting, LLC
Civil Engineering
1330 Glenfield Ave, Dallas, Texas 75224
(214) 773-4075 Email: henguyen@swbell.net
Texas Registered Engineering Firm F-16239

REVISIONS

Date	Description	Approved

SKYRIDGE RETAIL BUILDING
2200 RIDGE ROAD
ROCKWALL, TEXAS 75087

DESIGN	HNC		
DRAWN	HNC		
DATE	05/08/2026		Job#: 25001

STATE OF TEXAS
HENRY T. NGUYEN
71065
REGISTERED PROFESSIONAL ENGINEER

The seal appearing on this document was authorized by Henry Nguyen, P.E. 71065. Alteration of a sealed document with out proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.

SITE PLAN

C1

May 08,2026 3:20pm henguy
C:\Users\hnguy\OneDrive\Henry Nguyen Consulting\Projects\Active\25001-SKY RIDGE ADDITION\18-SHEET_SETS\23-SITE PLAN.dwg

DEVELOPMENT APPLICATION

City of Rockwall
Planning and Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087

STAFF USE ONLY
PLANNING & ZONING CASE NO.

NOTE: *THE APPLICATION IS NOT CONSIDERED ACCEPTED BY THE CITY UNTIL THE PLANNING DIRECTOR AND CITY ENGINEER HAVE SIGNED BELOW.*

DIRECTOR OF PLANNING:

CITY ENGINEER:

PLEASE CHECK THE APPROPRIATE BOX BELOW TO INDICATE THE TYPE OF DEVELOPMENT REQUEST [SELECT ONLY ONE BOX]:

PLATTING APPLICATION FEES:
- ☐ MASTER PLAT ($500.00 + $20.00 ACRE) [1]
- ☐ PRELIMINARY PLAT ($500.00 + $20.00 ACRE) [1]
- ☐ FINAL PLAT ($500.00 + $20.00 ACRE) [1]
- ☐ REPLAT ($500.00 + $20.00 ACRE) [1&3]
- ☐ AMENDING OR MINOR PLAT ($500.00)
- ☐ PLAT REINSTATEMENT REQUEST ($200.00)

SITE PLAN APPLICATION FEES:
- ☑ SITE PLAN ($1,000.00 + $20.00 ACRE) [1&2]
- ☐ AMENDED SITE PLAN/ELEVATIONS/LANDSCAPING PLAN ($500.00) [2]

OTHER APPLICATION FEES:
- ☐ TREE REMOVAL ($200.00)
- ☐ VARIANCE REQUEST/SPECIAL EXCEPTIONS [RESIDENTIAL] ($200.00) [2]
- ☐ VARIANCE REQUEST/SPECIAL EXCEPTIONS [COMMERCIAL] ($1,000.00) [2]

ZONING APPLICATION FEES:
- ☐ ZONING CHANGE ($1,000.00 + $20.00 ACRE) [1&3]
- ☐ SPECIFIC USE PERMIT [RESIDENTIAL] ($200.00 + $20.00 ACRE) [1,2&3]
- ☐ SPECIFIC USE PERMIT [COMMERCIAL] ($1,000.00 + $20.00 ACRE) [1,2&3]
- ☐ PLANNED DEVELOPMENT DISTRICT ($1,500.00 + $20.00 ACRE) [1&3]
- ☐ PD DEVELOPMENT PLANS ($1,500.00 + $20.00 ACRE) [1&3]

NOTES:
[1]: IN DETERMINING THE FEE, PLEASE USE THE EXACT ACREAGE WHEN MULTIPLYING BY THE PER ACRE AMOUNT. FOR REQUESTS ON LESS THAN ONE ACRE, ROUND UP TO ONE (1) ACRE.
[2]: A ***$2,500.00*** FEE WILL BE ADDED TO THE APPLICATION FEE FOR ANY REQUEST THAT INVOLVES CONSTRUCTION WITHOUT OR NOT IN COMPLIANCE TO AN APPROVED BUILDING PERMIT.
[3]: AN ADDITIONAL FEE OF ***$150.00*** WILL BE REQUIRED FOR THE COST OF NOTIFICATIONS.

PROPERTY INFORMATION [PLEASE PRINT]

ADDRESS	2200 Ridge Road, Rockwall TX 75087				
SUBDIVISION	Sky Ridge Addition	LOT	8	BLOCK	A
GENERAL LOCATION	NW of YellowJacket & Ridge Road Intersection				

ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

CURRENT ZONING	Commercial District	CURRENT USE	Non
PROPOSED ZONING		PROPOSED USE	Nail Salon & General Retail
ACREAGE	0.976	LOTS [CURRENT]	1
		LOTS [PROPOSED]	1

☐ ***SITE PLANS AND PLATS:*** *BY CHECKING THIS BOX YOU ACKNOWLEDGE THAT DUE TO THE PASSAGE OF HB3167 THE CITY NO LONGER HAS FLEXIBILITY WITH REGARD TO ITS APPROVAL PROCESS, AND FAILURE TO ADDRESS ANY OF STAFF'S COMMENTS BY THE DATE PROVIDED ON THE DEVELOPMENT CALENDAR WILL RESULT IN THE DENIAL OF YOUR CASE.*

OWNER/APPLICANT/AGENT INFORMATION [PLEASE PRINT/CHECK THE PRIMARY CONTACT/ORIGINAL SIGNATURES ARE REQUIRED]

☐ OWNER	Beauty Legacy, LLC	☐ APPLICANT	B+A Architecture LLC
CONTACT PERSON	~~Lien Nguyen~~ Kim Lien Thi Nguyen	CONTACT PERSON	Thong Thai
ADDRESS	[redacted]	ADDRESS	[redacted]
CITY, STATE & ZIP		CITY, STATE & ZIP	
PHONE		PHONE	
E-MAIL		E-MAIL	

NOTARY VERIFICATION [REQUIRED]

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED KIM LIEN THI NGUYEN [*OWNER*] THE UNDERSIGNED, WHO STATED THE INFORMATION ON THIS APPLICATION TO BE TRUE AND CERTIFIED THE FOLLOWING:

"I HEREBY CERTIFY THAT I AM THE OWNER FOR THE PURPOSE OF THIS APPLICATION; ALL INFORMATION SUBMITTED HEREIN IS TRUE AND CORRECT; AND THE APPLICATION FEE OF $ N/A *, TO COVER THE COST OF THIS APPLICATION, HAS BEEN PAID TO THE CITY OF ROCKWALL ON THIS THE* N/A *DAY OF* N/A *, 20___. BY SIGNING THIS APPLICATION, I AGREE THAT THE CITY OF ROCKWALL (I.E. "CITY") IS AUTHORIZED AND PERMITTED TO PROVIDE INFORMATION CONTAINED WITHIN THIS APPLICATION TO THE PUBLIC. THE CITY IS ALSO AUTHORIZED AND PERMITTED TO REPRODUCE ANY COPYRIGHTED INFORMATION SUBMITTED IN CONJUNCTION WITH THIS APPLICATION, IF SUCH REPRODUCTION IS ASSOCIATED OR IN RESPONSE TO A REQUEST FOR PUBLIC INFORMATION."*

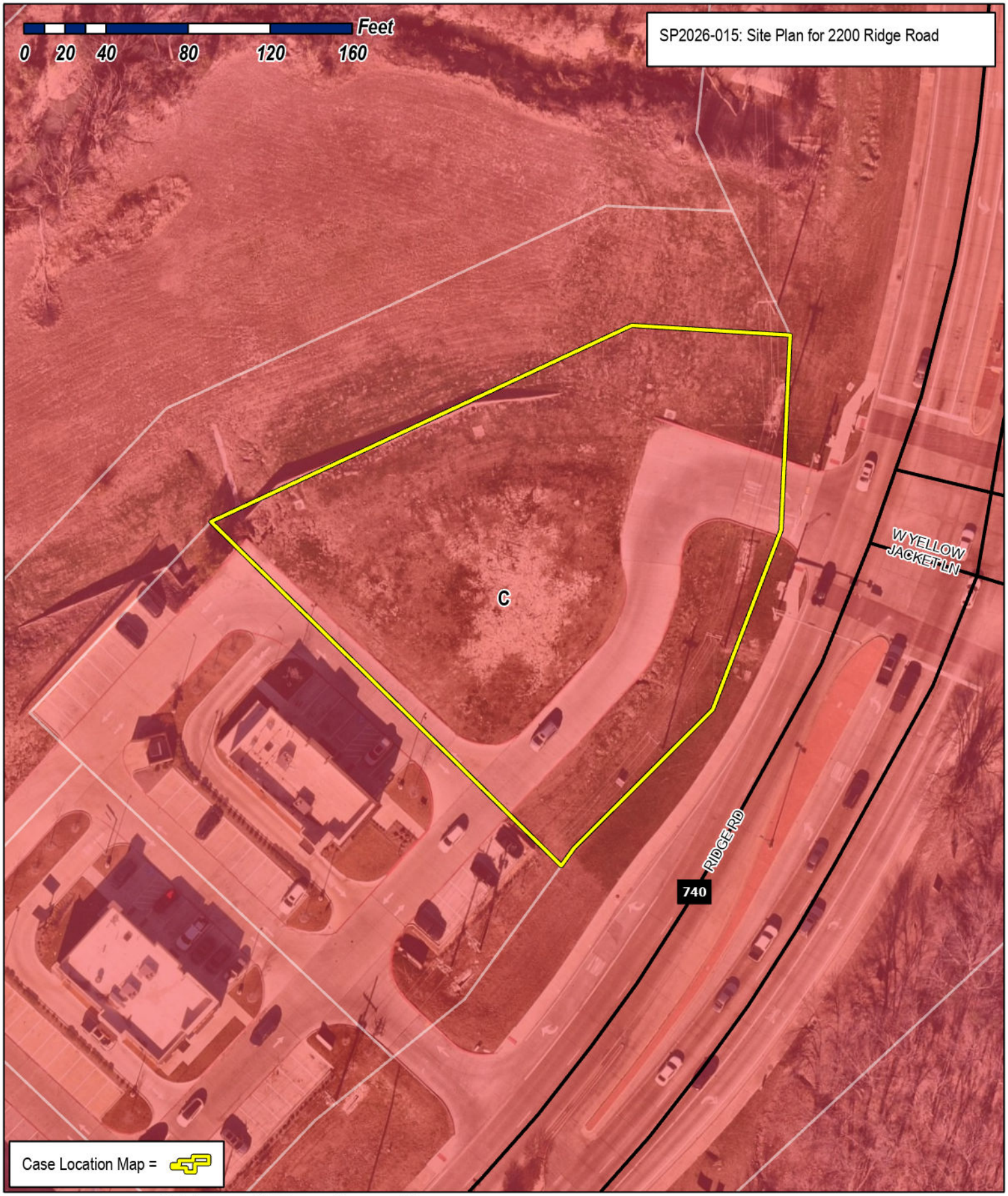
GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 13th *DAY OF* MAY *, 20*26*.*

RYAN MARK ANDIO STA ROMANA ANGELES
Notary Public
STATE OF TEXAS
My Comm. Exp. 04-02-29
Notary ID # 135506513

OWNER'S SIGNATURE

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

MY COMMISSION EXPIRES



City of Rockwall

Planning & Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087
(P): (972) 771-7745
(W): www.rockwall.com

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ARCHITECTURE

Monday, May 11th, 2026

Henry Lee, AICP
Senior Planner
Planning & Zoning Department
City of Rockwall, TX
385 S. Goliad Street, Rockwall, TX 75087

Project name: **SkyRidge Retail Building**
Previous Submittal Case: SP2025-042

Mr. Lee
We are writing to respond to the comments from the Plan Review dated March 03, 2026. Our responses are in the same order as presented in the review.

SP2025-042; Site Plan for 2200 Ridge Road
Please address the following comments (*M= Mandatory Comments; I = Informational Comments*)

M.1 Please provide a material sample board before the March 10, 2026 Architecture Review Board meeting. (*Subsection 03.04. B, of Article 11, UDC*)

Henry Nguyen Consulting's response: We provided the material sample board on March 10, 2026. There is no new building materials to be used in the new submittal, please accept the previous sample board which you still have at your office.

M.2 Site Plan.
(1) Please update the parking table, as 32 parking spaces are required and 32 parking spaces have been provided. (*Subsection 03.04. B, of Article 11, UDC*)

Henry Nguyen Consulting's response: Parking table has been updated showing 32 parking spaces.

(2) The dumpster must utilize the same brick that is used on the building. (*Subsection 01.05. B, of Article 05, UDC*)

Henry Nguyen Consulting's response: Detail notes have been updated stating dumpster must use the same brick as building.

B+A Architecture - 600 Broadway Blvd. Suite 290, Kansas City, Missouri, 64105
(816) 753-6100 office

M.3 Landscape Plan.

(1) Provide the same site data information required in Section 2.1 Site Plan: Miscellaneous and Density and Dimensional Requirements of this checklist. (*See Sec. 2.1 of the checklist*)

Henry Nguyen Consulting's response: Same site data information required in Section 2.1 has been provided on the site plan.

(2) Per the *General Overlay District Standards*, there must be a row of canopy trees at the rear of the subject property. (*Subsection 06.02, of Article 05*, *UDC*) Variance requested.

Henry Nguyen Consulting's response: A row of trees at the rear of the property was added.

(3) All head in parking adjacent to a roadway is required to provide headlight screening. Variance requested.

Henry Nguyen Consulting's response: A 3' wall was added to provide headlight screening.

M.4 Photometric Plan

(1) Provide the same site data information required in Section 2.1 Site Plan: Miscellaneous and Density and Dimensional Requirements of this checklist. (*See Sec. 2.1 of the checklist*)

B+A Architecture's response: Same site data information required in Section 2.1 has been provided on the photometric plan.

(2) Light levels shall not be greater than 0.2 FC at all property lines. Please correct the photometric plan to address this requirement. (*Subsection 03.03, of Article 07, UDC*) Variance requested.

B+A Architecture's response: We have revised the photometric plan to show that light levels are less than 0.2 FC at all property lines. Please see attached revised site photometric plan.

M.5 Building Elevations

(1) Please crosshatch the RTUs on the elevations. The RTUs must be fully screened by the parapet. Please pay attention to this due the building being lower than the road. (*Subsection 01.05.C, of Article 05, UDC*) Staff believes that the RTUs will be visible from ridge road because of the elevation change. Based on this staff has added a condition of approval that will require louvers if they are visible.

B+A Architecture's response: Aknowledged. We added a note that the RTUs will be screening if it is visible from the Ridge Road.

(2) Please indicate the architectural elements on the building. Each building is required to incorporate four (4) architectural elements. (*Subsection 06.02, of Article 05, UDC*) Currently there are three (3) architectural elements being: canopies, display windows, articulated cornice. This will be a variance.

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(816) 753-6100 office

B+A Architecture's response: The building is designed to provide architectural elements including (1)canopies/awnings, (2) display windows, (3) articulated cornice, and (4) projected/recessed wall, and varied roof height.

(3) Where is the stacked stone (*Bighorn*) going on the building? It is indicated on the material schedule.

B+A Architecture's response: Bighorn is no longer used in this project.

(4) The subject property is located within the Scenic Overlay District and is required to provide primary articulation on each façade. In this case, the proposed building elevations do not meet any of the primary articulation standards. (*Subsection 04.01, of Article 05, UDC*) Variance requested.
    1. Height = 20.67'; In Conformance
    2. Wall Length = In Conformance
    3. Secondary entryway/architectural element length = Non-Conforming; The North facade does not have projecting elements
    4. Wall Projection = 5.25' minimum; Non-Conforming; All sides of the building
    5. Primary and/or secondary entryway/architectural element width = Non-Conforming; This cannot be confirmed given that the returns for the vertical projections are not shown
    6. Projection Height = 5.25' minimum; In Conformance
    7. Primary entryway/architectural element length = Non-Conforming; They must be at a minimum double the width of the secondary entryways/architectural elements

B+A Architecture's response:

The proposed building has been designed with an irregular configuration, resulting in six distinct façade sides. This geometry is a direct response to the unique constraints and conditions of the site and its surrounding context.

We acknowledge the review comments M.10.7 and M.10.9 regarding the requirement to provide primary articulation on all building elevations. Due to the building's irregular form, achieving full compliance with all primary façade articulation standards on every elevation presents significant design challenges.

In this resubmittal, we have revised the building elevations to ensure that the primary façades comply with the majority of the Primary Building Façade standards. The remaining façades have been designed to maintain consistency in materials, detailing, and architectural features in accordance with Subsection 06.01-C.(5), which requires four-sided architectural treatment.

While these secondary façades may not incorporate all seven primary façade articulation elements, they are designed to provide a cohesive and high-quality architectural expression consistent with the intent of the ordinance.

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(816) 753-6100 office

Based on these considerations, we respectfully request a variance for the building elevations, as the current design meets the overall intent of the code while responding appropriately to the site-specific constraints.

M.6 Given that there are remaining comments on the site plan, landscape plan, photometric plan, and the building elevations, staff has included conditions of approval that require these items to be corrected before the civil plans may be submit.

M.7 At this time staff has identified six (6) variances, which will require 14 compensatory measures.

1. Landscape Buffer encroachment
2. Rear Yard tree planting requirements
3. Less than four (4) architectural elements
4. Primary Articulation on all sides of the building
5. Headlight Screening
6. Light Levels Greater than 0.2 FC at Property Line

B+A Architecture's response: At this time of the submittal, we are only requesting for (1) variance of the #4 - Primary Articulation on all sides of the building

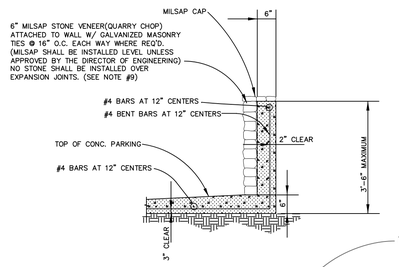
Please contact me if you have any additional questions or comments.

Sincerely,

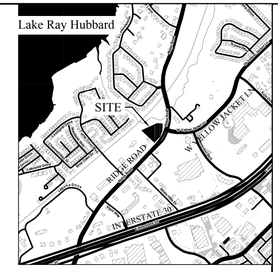
Thong Thai
Managing Partner, RA

B+A Architecture LLC
TX Registration No. BR 4706

B+A Architecture - 600 Broadway Blvd. Suite 290, Kansas City, Missouri, 64105
(816) 753-6100 office



HEADLIGHT SCREENING DETAIL



VICINITY MAP
(NTS)

0 20 40 60

SCALE: 1" = 20'

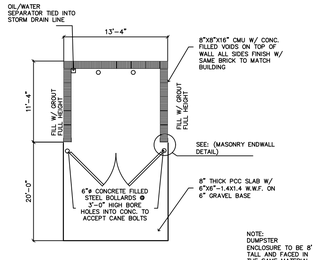
SITE DATA

LOT AREA	42,512 SF
BUILDING HEIGHT	1 STORIES, 30'
BUILDING AREA	7,837 SF
FLOOR AREA RATIO	0.1844
TOTAL IMPERVIOUS AREA	30,086 SF (71% COVERAGE)
LANDSCAPE AREA	12,426 SF (29% COVERAGE)
EXISTING ZONING	C -COMMERCIAL DISTRICT
PROPOSED USEAGE	NAIL SALON AND RETAILS
REQUIRED PARKING	1 parking space/250 sf (7837 x 1/250=32 required)
PROVIDED PARKING	32 SPACES

YELLOW JACKET LANE
(90' R.O.W.)

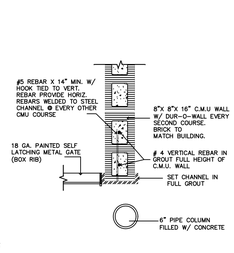
KEYNOTES

1. CONSTRUCT RETAINING WALL
2. CONSTRUCT MONOLITHIC CONCRETE CURB
3. CONSTRUCT 6" THICK PORTLAND CEMENT CONCRETE PAVEMENT PER PAVING PLAN
4. CONSTRUCT 4" THICK CONCRETE SIDEWALK
5. INSTALL HANDICAP SIGN
6. INSTALL PRECAST CONCRETE WHEELSTOPS
7. CONSTRUCT STANDARD ADA RAMP
8. PAINT HANDICAP SYMOL – WHITE ON BLUE BACKGROUND
9. PAINT 4" SOLID STRIPE – WHITE
10. CONSTRUCT 8" THICK PCC SLAB TRASH ENCLOSURE W/OIL/WATER SEPARATOR CONNECTED TO STORM
11. LANDSCAPE AREA
12. REMOVE PLUG AND CONNECT PROP. 8" WATER LINE TO EX. 8" WATER LINE
13. INSTALL 8" WATER LINE
14. CONSTRUCT RETAINING WALL WITH HEADLIGHT SCREENING



TRASH ENCLOSURE PLAN
SCALE: NONE

NOTE:
DUMPSTER ENCLOSURE TO BE 8' TALL AND FACED IN THE SAME MATERIAL AS THE PRIMARY BUILDING.



MASONRY ENDWALL DETAIL
SCALE: NONE

DUMPSTER ENCLOSURE DETAIL

NOTE:

1. BEARINGS ARE BASED ON RECORDED FINAL PLAT OF SKY RIDGE ADDITION LOTS 8–10, BLOCK A, BEING A REPLAT OF LOT 2–4, BLOCK A, SKY RIDGE ADDITION INSTRUMENT NUMBER 20210000026842 O.P.R.R.C.T. BEING 3 LOTS AND CONTAINING 2.293 ACRES CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS.
2. EASEMENTS AND SETBACKS SHOWN HEREON ARE BASED ON RECORDED PLAT (CASE NO. P2023–005) UNLESS OTHERWISE NOTED.
3. UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY EXACT LOCATION OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
4. ALL DIMENSIONS ARE TO FACE OF CURB.
5. THERE SHALL BE NO ABOVE GROUND STORAGE TANKS OR OUTSIDE STORAGE, WHICH INCLUDES VEHICLES.

LEGEND

- EXISTING SIGNAL FOUNDATION
- EXISTING FIRE HYDRANT
- EXISTING SANITARY CLEANOUT
- EXISTING SANITARY SEWER MANHOLE
- EXISTING POWER POLE
- EXISTING OVERHEAD POWER LINE
- EXISTING WATER LINE
- EXISTING SANITARY SEWER LINE
- EXISTING CONCRETE PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- FAUE FIRE LANE ACCESS & UTILITY EASEMENT
- UE UTILITY EASEMENT
- WE WATER LINE EASEMENT

APPROVED:
I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission of the City of Rockwall on the _____ day of _____, _____.

WITNESS OUR HANDS, this _____ day of _____, _____.

Planning & Zoning Commission, Chairman — Director of Planning and Zoning

Henry Nguyen Consulting, LLC
Civil Engineering
1330 Glenfield Ave, Dallas, Texas 75224
(214) 773–4075 Email: henguyen@swbell.net
Texas Registered Engineering Firm F–16239

REVISIONS

Date	Description	Approved

SKYRIDGE RETAIL BUILDING
2200 RIDGE ROAD
ROCKWALL, TEXAS 75087

DESIGN	HNC	DATE	05/08/2026
DRAWN	HNC		

Job#: 25001

STATE OF TEXAS
HENRY T. NGUYEN
71065
REGISTERED PROFESSIONAL ENGINEER

The seal appearing on this document was authorized by Henry Nguyen, P.E. 71065. Alteration of a sealed document with out proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.

SITE PLAN

C1

May 08,2026 3:20pm henguy
C:\Users\Vtenga\OneDrive\Henry Nguyen Consulting\Projects\Active\25001–SKY RIDGE ADDITION\18–SHEET_SETS\23–SITE PLAN.dwg

GENERAL NOTES

1. EXTERIOR COLORS ARE INDICATED BY MATERIAL MANUFACTURERS
2. ALL EXTERIOR MATERIAL TRANSITION, SILLS AND HEADERS WHICH ARE NOT CALLED OUT, MATCH TO WALL TRIM COLOR.
3. ROOF TOP UNITS (RTUs) TO BE SCREENED FROM VIEWS BY LOUVERED SCREENS IF IT IS VISIBLE FROM THE ROAD.
4. INSTALL ALL ROOF PENETRATIONS AND EQUIPMENT (IE: VENT PIPES; ROOF VENTILATORS) ON THE REAR SIDE OF THE ROOF, TO THE GREATEST EXTENT POSSIBLE

STONE VENEER
LEDGESTONE STYLE
WINDSOR PEWTER
LEDGE

STONE VENEER
THIN BRICK
DESERT GRAY

ACM PANEL
ALUCOBOND
STATUARY BRONZE

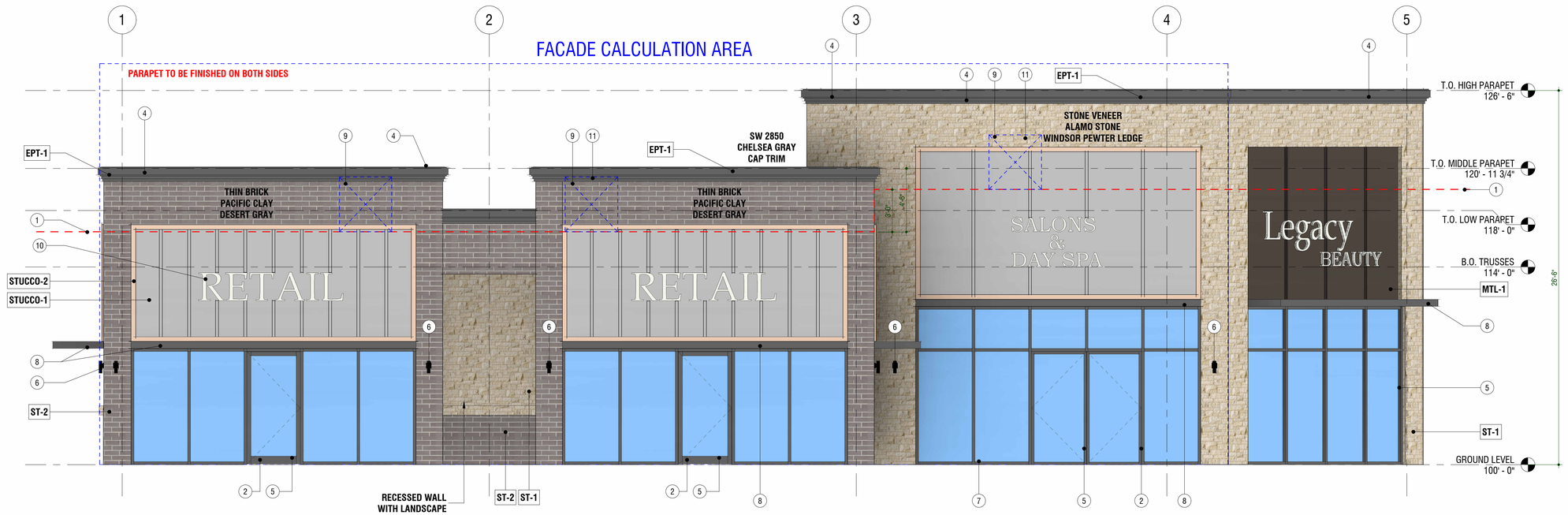
EXTERIOR FINISHING SCHEDULE

NO.	MATERIAL/ITEMS	DESCRIPTION	COLOR/FINISH
1	STONE VENEER	ALAMO STONE - LEDGESTONE	WINDSOR PEWTER LEDGE
2	STACKED STONE	OLD COUNTRY OR EQUAL	BIGHORN
3	STONE VENEER	PACIFIC CLAY PRODUCTS	THIN BRICK - DESERT GRAY
4	METAL PANEL	ALUCOBOND ACM OR EQUAL	STATUARY BRONZE
5	WINDOWS (STOREFRONT)	PELLA ARCHITECT SERIES OR EQUAL	METAL - MATTE BLACK
6	EXTERIOR DOORS	ALUMINUM, PAINTED	METAL - MATTE BLACK
7	FASCIA	METAL, PAINTED	METAL - IRON ORE

KEYNOTES

1	LINE OF ROOF BEYOND
2	TENANT MAIN ENTRY
3	STONE VENEER. INSTALL PER MANUFACTURER SPECIFICATIONS
4	CORNICE LINE TO BE PAINTED EPT-1 GRAY
5	ANODIZED ALUMINUM STORE FRONT SYSTEM DOOR AND GLAZING
6	EXTERIOR LIGHTING
7	BREAK METAL TO MATCH STOREFRONT SYSTEM
8	METAL AWING. INSTALL PER MANUFACTURER SPECIFICATIONS
9	RTU/HVAC SYSTEM. INSTALL PER MANUFACTURER SPECIFICATIONS
10	SIGNAGE. INSTALL PER MANUFACTURER SPECIFICATIONS
11	RTU SCREENING SYSTEM TO MEET CITY REQUIREMENT, INSTALL PER MANUFACTURER SPECIFICATIONS

SOUTH		
EXTERIOR MATERIALS PERCENTAGES		
TOTAL FACADE AREA		1614.99 SF
WINDOWS DOORS		412.61
AREA BALANCE		1202.38 SF
MATERIAL	AREA	PERCENTAGE
STONE	460.22 SF	38%
METAL	-	-
BRICK	251.60 SF	21%
STUCCO	490.56 SF	41%
TOTAL	1202.38 SF	100%



1 SOUTH ELEVATION
1/4" = 1'-0"

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WITNESS OUR HANDS, this _____ day of _____, _____.

_____ Planning & Zoning Commission, Chairman

_____ Director of Planning and Zoning

ARCHITECTURE

ARCHITECT
B+A ARCHITECTURE
600 BROADWAY BLVD, SUITE 290
KANSAS CITY, MO 64105
PH: 816-753-6100

SKYRIDGE RETAIL BUILDING

LOT 2 - 2200 RIDGE RD, ROCKWALL, TX 75087

SEAL

NOT FOR CONSTRUCTION

Issue Date: 02/03/2026

NO.	REVISION	DATE
1	REV-DEVELOPMENT#1	03.03.26
2	REV-DEVELOPMENT#2	04.03.26

DESIGNED BY: TT, NH
DRAWN BY: NH
CHECKED BY: TT

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SCALES AS STATED HEREON ARE VALID ON THE ORIGINAL DRAWING ONLY. CONTRACTOR SHALL CAREFULLY REVIEW ALL DIMENSIONS AND CONDITIONS SHOWN HEREON AND AT ONCE REPORT TO THE ARCHITECT ANY ERROR INCONSISTENCY OR OMISSION DISCOVERED.

BUILDING ELEVATIONS
A200

GENERAL NOTES

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3. ROOF TOP UNITS (RTUs) TO BE SCREENED FROM VIEWS BY LOUVERED SCREENS IF IT IS VISIBLE FROM THE ROAD.
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STONE VENEER
LEDGESTONE STYLE
WINDSOR PEWTER
LEDGE

STONE VENEER
THIN BRICK
DESERT GRAY

ACM PANEL
ALUCOBOND
STATUARY BRONZE

EXTERIOR FINISHING SCHEDULE

NO.	MATERIAL/ITEMS	DESCRIPTION	COLOR/FINISH
1	STONE VENEER	ALAMO STONE - LEDGESTONE	WINDSOR PEWTER LEDGE
2	STACKED STONE	OLD COUNTRY OR EQUAL	BIGHORN
3	STONE VENEER	PACIFIC CLAY PRODUCTS	THIN BRICK - DESERT GRAY
4	METAL PANEL	ALUCOBOND ACM OR EQUAL	STATUARY BRONZE
5	WINDOWS (STOREFRONT)	PELLA ARCHITECT SERIES OR EQUAL	METAL - MATTE BLACK
6	EXTERIOR DOORS	ALUMINUM, PAINTED	METAL - MATTE BLACK
7	FASCIA	METAL, PAINTED	METAL - IRON ORE

KEYNOTES

1	LINE OF ROOF BEYOND
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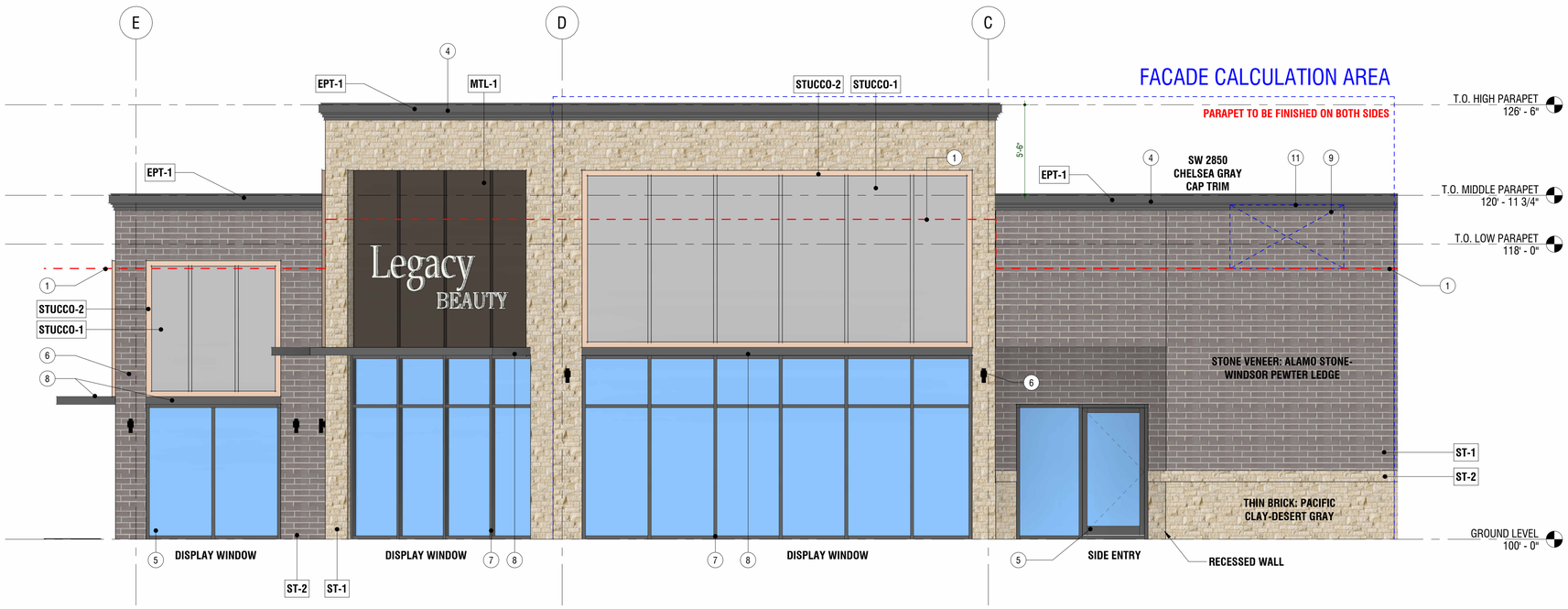
9	RTU/HVAC SYSTEM. INSTALL PER MANUFACTURER SPECIFICATIONS
10	SIGNAGE. INSTALL PER MANUFACTURER SPECIFICATIONS
11	RTU SCREENING SYSTEM TO MEET CITY REQUIREMENT, INSTALL PER MANUFACTURER SPECIFICATIONS

EAST		
EXTERIOR MATERIALS PERCENTAGES		
TOTAL FACADE AREA	1800.85 SF	
WINDOWS DOORS	349.35 SF	
AREA BALANCE	1451.50 SF	
MATERIAL	AREA	PERCENTAGE
STONE	864.95 SF	60%
METAL	96.28 SF	7%
BRICK	323.77 SF	22%
STUCCO	166.50 SF	11%
TOTAL	1451.50 SF	100%



1 EAST ELEVATION
1/4" = 1'-0"

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WITNESS OUR HANDS, this _____ day of _____, _____.

_____ Planning & Zoning Commission, Chairman

_____ Director of Planning and Zoning

ARCHITECTURE

ARCHITECT
B+A ARCHITECTURE
600 BROADWAY BLVD, SUITE 290
KANSAS CITY, MO 64105
PH: 816-753-6100

SKYRIDGE RETAIL BUILDING

LOT 2 - 2200 RIDGE RD, ROCKWALL, TX 75087

SEAL

NOT FOR CONSTRUCTION

Issue Date: 02/03/2026

NO.	REVISION	DATE
1	REV-DEVELOPMENT#1	03.03.26
2	REV-DEVELOPMENT#2	04.03.26

DESIGNED BY: NH,TT
DRAWN BY: NH
CHECKED BY: TT

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BUILDING ELEVATIONS
A201
1 2

GENERAL NOTES

1. EXTERIOR COLORS ARE INDICATED BY MATERIAL MANUFACTURERS
2. ALL EXTERIOR MATERIAL TRANSITION, SILLS AND HEADERS WHICH ARE NOT CALLED OUT, MATCH TO WALL TRIM COLOR.
3. ROOF TOP UNITS (RTUs) TO BE SCREENED FROM VIEWS BY LOUVERED SCREENS IF IT IS VISIBLE FROM THE ROAD.
4. INSTALL ALL ROOF PENETRATIONS AND EQUIPMENT (IE; VENT PIPES; ROOF VENTILATORS) ON THE REAR SIDE OF THE ROOF, TO THE GREATEST EXTENT POSSIBLE

STONE VENEER
LEDGESTONE STYLE
WINDSOR PEWTER
LEDGE

STONE VENEER
THIN BRICK
DESERT GRAY

ACM PANEL
ALUCOBOND
STATUARY BRONZE

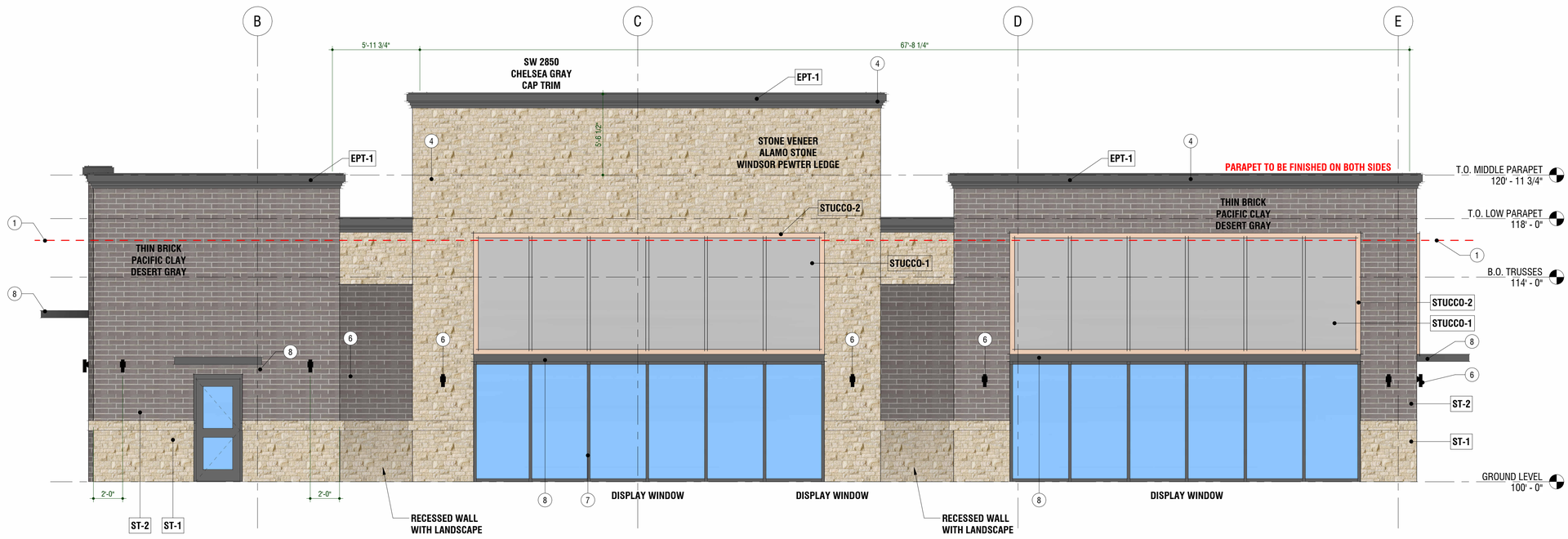
EXTERIOR FINISHING SCHEDULE

NO.	MATERIAL/ITEMS	DESCRIPTION	COLOR/FINISH
1	STONE VENEER	ALAMO STONE - LEDGESTONE	WINDSOR PEWTER LEDGE
2	STACKED STONE	OLD COUNTRY OR EQUAL	BIGHORN
3	STONE VENEER	PACIFIC CLAY PRODUCTS	THIN BRICK - DESERT GRAY
4	METAL PANEL	ALUCOBOND ACM OR EQUAL	STATUARY BRONZE
5	WINDOWS (STOREFRONT)	PELLA ARCHITECT SERIES OR EQUAL	METAL - MATTE BLACK
6	EXTERIOR DOORS	ALUMINUM, PAINTED	METAL - MATTE BLACK
7	FASCIA	METAL, PAINTED	METAL - IRON ORE

KEYNOTES

1	LINE OF ROOF BEYOND
2	TENANT MAIN ENTRY
3	STONE VENEER. INSTALL PER MANUFACTURER SPECIFICATIONS
4	CORNICE LINE TO BE PAINTED EPT-1 GRAY
5	ANODIZED ALUMINUM STORE FRONT SYSTEM DOOR AND GLAZING
6	EXTERIOR LIGHTING
7	BREAK METAL TO MATCH STOREFRONT SYSTEM
8	METAL AWING. INSTALL PER MANUFACTURER SPECIFICATIONS
9	RTU/HVAC SYSTEM. INSTALL PER MANUFACTURER SPECIFICATIONS
10	SIGNAGE. INSTALL PER MANUFACTURER SPECIFICATIONS
11	RTU SCREENING SYSTEM TO MEET CITY REQUIREMENT, INSTALL PER MANUFACTURER SPECIFICATIONS

WEST		
EXTERIOR MATERIALS PERCENTAGES		
TOTAL FACADE AREA	1950.52 SF	
WINDOWS DOORS	551.32 SF	
AREA BALANCE	1399.20 SF	
MATERIAL	AREA	PERCENTAGE
STONE	577.08 SF	41%
BRICK	436.40 SF	32%
METAL	-	-
STUCCO	385.72 SF	27%
TOTAL	1399.20 SF	100%



1 WEST ELEVATION
1/4" = 1'-0"

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WITNESS OUR HANDS, this _____ day of _____, _____.

_____ Planning & Zoning Commission, Chairman

_____ Director of Planning and Zoning

B+A ARCHITECTURE

ARCHITECT
B+A ARCHITECTURE
600 BROADWAY BLVD, SUITE 290
KANSAS CITY, MO 64105
PH: 816-753-6100

SKYRIDGE RETAIL BUILDING
LOT 2 - 2200 RIDGE RD, ROCKWALL, TX 75087

SEAL

NOT FOR CONSTRUCTION

Issue Date: 02/03/2026

NO.	REVISION	DATE
1	REV-DEVELOPMENT#1	03.03.26
2	REV-DEVELOPMENT#2	04.03.26

DESIGNED BY: NH,TT
DRAWN BY: NH
CHECKED BY: TT

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BUILDING ELEVATIONS
A202

GENERAL NOTES

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NORTH	
EXTERIOR MATERIALS PERCENTAGES	
TOTAL FACADE AREA	1208.88 SF
WINDOWS DOORS	271.31 SF
AREA BALANCE	937.57 SF

MATERIAL	AREA	PERCENTAGE
STONE	741.56 SF	79%
METAL	N/A	-
BRICK	196.01 SF	21%
STUCCO	N/A	-
TOTAL	937.57 SF	100%

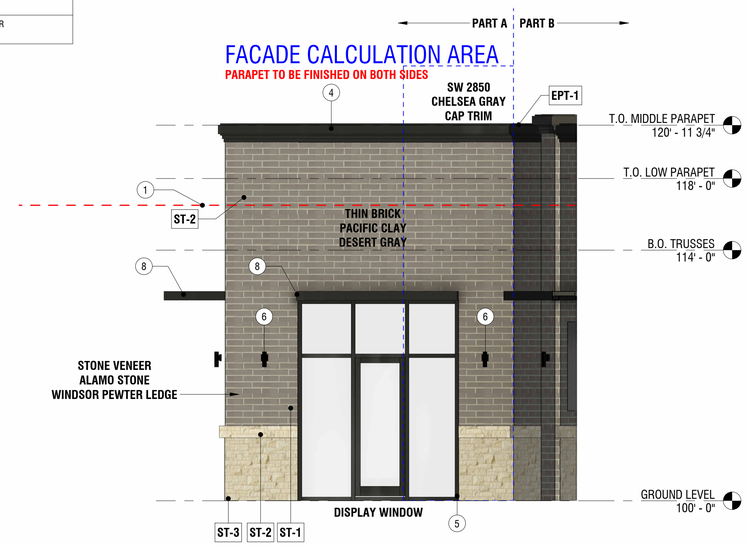
NORTHWEST	
EXTERIOR MATERIALS PERCENTAGES	
TOTAL FACADE AREA	962.82 SF
WINDOWS DOORS	100.65 SF
AREA BALANCE	862.17 SF

MATERIAL	AREA	PERCENTAGE
STONE	503.98 SF	58%
METAL	N/A	-
BRICK	284.73 SF	33%
STUCCO	73.46 SF	9%
TOTAL	862.17 SF	100%

FACADE CALCULATION AREA

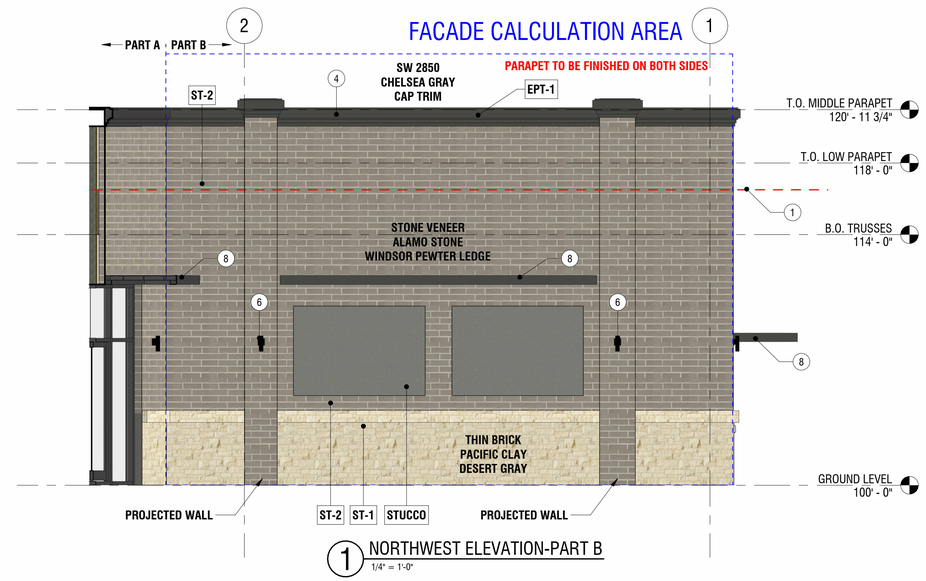
3 NORTH ELEVATION
1/4" = 1'-0"

FACADE CALCULATION AREA



2 NORTHWEST ELEVATION-PART A
1/4" = 1'-0"

FACADE CALCULATION AREA



1 NORTHWEST ELEVATION-PART B
1/4" = 1'-0"

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WITNESS OUR HANDS, this _____ day of _____, _____.

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_____ Director of Planning and Zoning

ARCHITECTURE
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PH: 816-753-6100

SKYRIDGE RETAIL BUILDING
LOT 2 - 2200 RIDGE RD, ROCKWALL, TX 75087

SEAL

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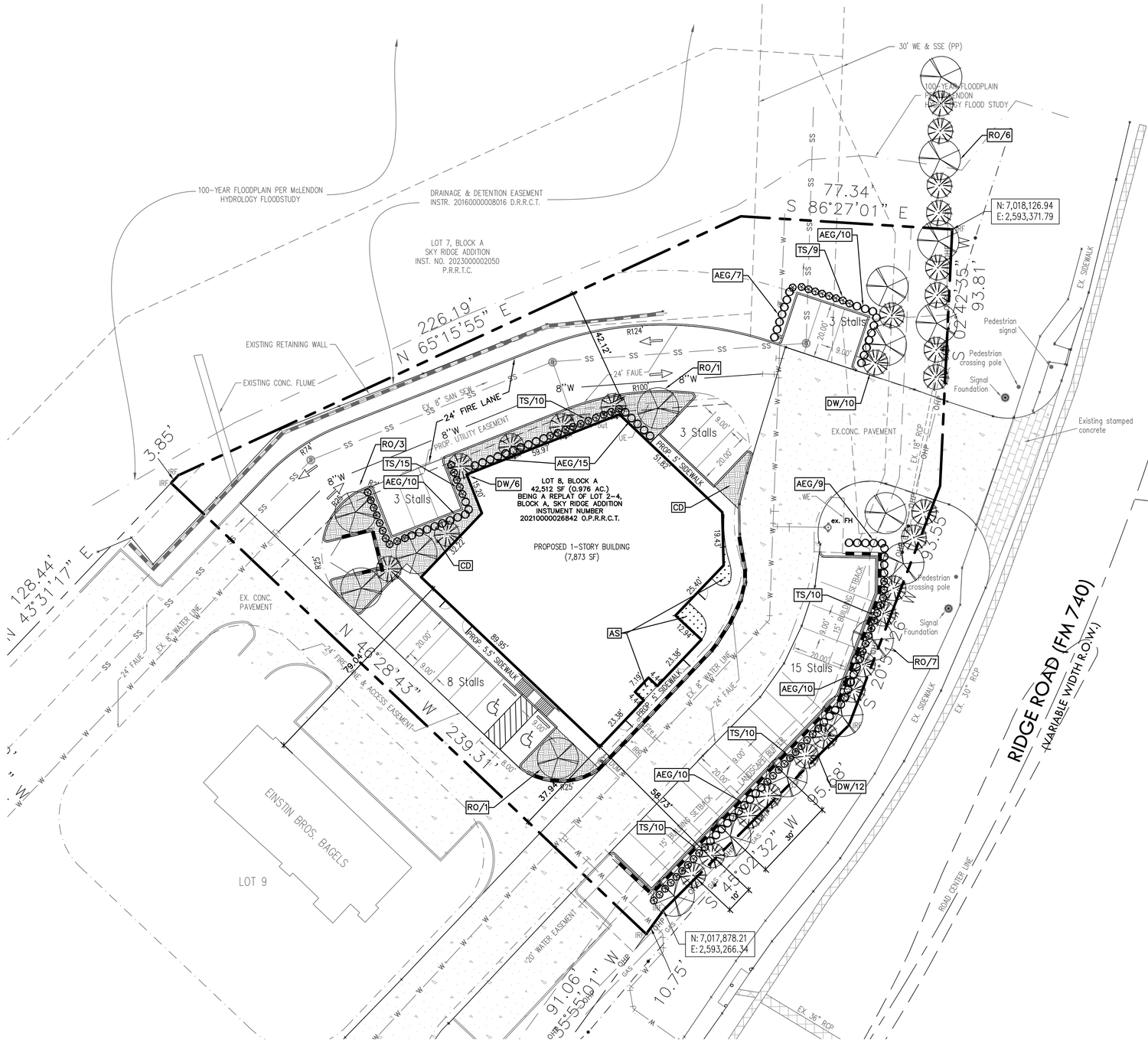
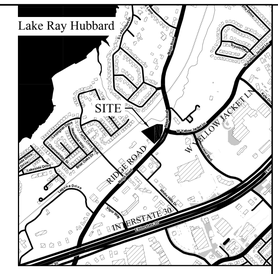
BUILDING ELEVATIONS
A203





VICINITY MAP
(NTS)

1. Overall Site Landscaping Percentage

- For **Commercial Districts**, the required landscaping is **20%** of the net lot area.

Required	Provided
20% x 42,512 sf = 8,502.40 sf	10,899 sf (26%)

2. Perimeter Landscaping (Buffers)

- **A. Street Frontage Landscaping:**
  - **Requirement: 10 feet** along all public street frontages.
  - **Canopy Trees: 3 canopy trees per 100 linear feet** of street frontage.
  - **Accent Trees: 4 accent trees per 100 linear feet** of street frontage.
  - **Shrubs/Groundcover:** The remaining area within the landscape strip must be covered with shrubs, groundcover, or turf).

Required	Provided
10' buffer	10'
Canopy trees = 293.79 LF * 3/100 = 9	13
Accent trees = 293.79 LF *4/100 = 12	22
3 shrubs/10 LF x 283.04 LF = 85 Shrubs	85

3. Interior Parking Lot Landscaping

- **Trees:**
  - **Number/Coverage: one (1) shade tree per 10 number of parking spaces** (1/10 x 35 spaces = 4 trees), or 20% of the parking lot area (20% x 5,760 sf = 1,152 sf).
  - **Island Requirements:** Landscaped islands are typically required at the end of every parking row and within longer rows (e.g., for every 10-15 spaces). These islands must accommodate at least one large canopy tree.
- **Shrubs/Groundcover:** All areas within interior landscape islands and strips must be fully planted with shrubs, groundcover, or turf.

Required	Provided
1 canopy tree/10 parking spaces x 32 = 3 trees	5
Accent trees	3
Shrubs	50
5,760 sf x 20% = 1,152 sf	1,985 sf (34%)

LANDCAPE LEGEND

	CD	COMMON BURMUDA GRASS SOD
	AS	ASIATIC JASMINE
	RO	TEXAS RED OAK
	DW	DESERT WILLOW
	AEG	EDWARD GOUCHER ABELIA
	TS	TEXAS SAGE
		PROPOSED RETAINING WALL

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_____ Director of Planning and Zoning

Henry Nguyen Consulting, LLC
Civil Engineering
1330 Glenfield Ave, Dallas, Texas 75224
(214) 773-4075 Email: henguyen@swbell.net
Texas Registered Engineering Firm F-16239

REVISIONS

Date	Description	Approved

SKYRIDGE RETAIL BUILDING
2200 RIDGE ROAD
ROCKWALL, TEXAS 75087

DESIGN HNC
DRAWN HNC
DATE 05/08/2026
Job#: 25001

STATE OF TEXAS
HENRY T. NGUYEN
71065
REGISTERED PROFESSIONAL ENGINEER

The seal appearing on this document was authorized by Henry Nguyen, P.E. 71065. Alteration of a sealed document with out proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.

LANDSCAPE PLAN

L1

May 08,2026 3:25pm henguy
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VICINITY MAP
(NTS)

GENERAL LAWN NOTES

1. ALL LANDSCAPE/TURF AREAS TO BE INSTALLED WITH AUTOMATIC IRRIGATION SYSTEM MEETING CITY AND TCEQ STANDARD.
2. CONTRACTOR SHALL LEAVE LAWN AREAS 4" BELOW FINAL FINISHED GRADE PRIOR TO TOPSOIL INSTALLATION.
3. CONTRACTOR TO APPLY 4" CLEAN TOPSOIL TO ALL TURF AREAS PRIOR TO INSTALLATION OF SOD OR HYDROMULCH
4. CONTRACTOR SHALL FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS AS INDICATED ON CIVIL PLANS. ADJUST CONTOURS TO ACHIEVE POSITIVE DRAINAGE AWAY FROM BUILDINGS. PROVIDE UNIFORM ROUNDING AT TOP AND BOTTOM OF SLOPES AND OTHER BREAKS IN GRADE. CORRECT IRREGULARITIES AND AREAS WHERE WATER MAY STAND.
5. LAWN AREAS SHALL BE FINE GRADED, IRRIGATION TRENCHES COMPLETELY SETTLED AND FINISH GRADE
6. REMOVE ROCKS 3/4" DIAMETER AND LARGER, DIRT CLODS, STICKS, CONCRETE SPOILS, ETC. PRIOR TO PLACING TOPSOIL AND LAWN INSTALLATION.
7. GUARANTEE ESTABLISHMENT OF ACCEPTABLE TURF AREA AND PROVIDE REPLACEMENT FROM LOCAL SUPPLY IF NECESSARY.
8. PLANT SOD BY HAND TO COVER INDICATED AREAS COMPLETELY, ENSURE EDGES OF SOD ARE TOUCHING. TOP DRESS JOINTS BY HAND WITH TOPSOIL TO FILL VOIDS.
9. ROLL GRASS AREAS TO ACHIEVE A SMOOTH, EVEN SURFACE, FREE FROM UNNATURAL UNDULATIONS.
10. WATER SOD THOROUGHLY AS SOD REESTABLISHMENT PROGRESSES.
11. IF INSTALLATION OCCURS BETWEEN SEPTEMBER 1 AND MARCH 1, OVER-SEED BERMUDA GRASS SOD WITH WINTER RYEGRASS, AT A RATE OF FOUR (4) POUNDS PER ONE THOUSAND (1000) SQUARE FEET.

CUSTOM PLANTING SOIL:

AMENDED SOIL (IN SHRUB PLANTING BEDS & AT TREES)
PRODUCT: LANDSCAPERS BLEND (50/50)
DEPTH: 6" (TILLED INTO 6" OF EXISTING SOIL FOR A TOTAL DEPTH OF 12")
SUPPLIER: SOIL BUILDING SYSTEMS
CONTACT: 972-831-8181
INSTALLATION: PER SOIL BUILDING SYSTEMS SPECIFICATIONS

STEEL EDGING:

METAL EDGING TO SEPARATE PLANTING BEDS FROM ADJACENT TURF
PRODUCT: DURAEDGE
SIZE: 3/16" THICK x 4" HEIGHT x 16' LENGTH

NOTES: METAL EDGING SHALL NOT BE INSTALLED PARALLEL AGAINST CURBS AND SIDEWALKS. METAL EDGING SHALL BE TRIMMED WHERE IT ABUTTS SIDEWALKS AND CURBS TO AVOID SHARP EDGES.

IRRIGATION:

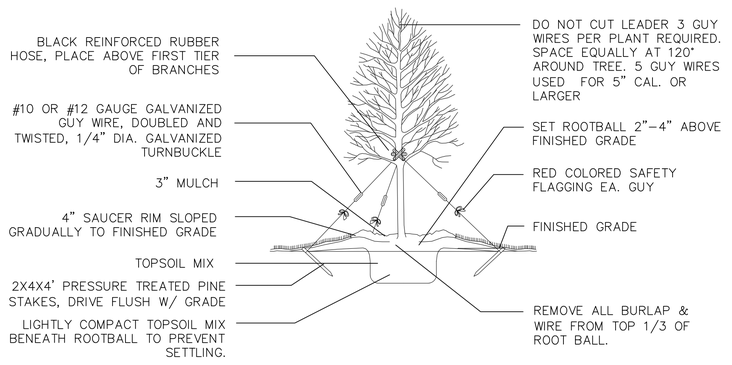
ALL REQUIRED LANDSCAPE AREAS SHALL HAVE AN AUTOMATIC IRRIGATION SYSTEM WITH A FREEZE/RAIN SENSOR. SYSTEM SHALL ALSO HAVE AN ET WEATHER BASED CONTROLLER AND BE DESIGNED AND INSTALLED BY A LICENSED IRRIGATOR. THE IRRIGATION WILL MEET THE REQUIREMENT OF THE UDC.

PLANT LIST

SYMBOL	BOTANIC NAME	COMMON NAME	QTY.	UNIT	SIZE	NOTES
*						
GROUND COVER						
CD	CYNODON DACTYLON	COMMON BURMUDA GRASS SOD	1820	SF		SOLID SOD PER INDUSTRY STANDARD
AS	TRACHELOSPERMUM	ASITIC JASMINE	165	SF		
*						
TREES AND SHRUBS						
RO	QUERCUS BUCKLEYI	TEXAS RED OAK	18	EA	4" CALIPER	SPACING PER PLAN
DW	CHILOPSIS LINEARIS	DESERT WILLOW	25	EA	4' HEIGHT	SPACING PER PLAN
AEG	ABELIA X 'EDWARD GOUCHER'	EDWARD GOUCHER ABELIA	71	EA	5 GAL	24" HEIGHT SPACED 36" O.C. MIN.
TS	LEUCOPHYLLUM FRUTESCENS	TEXAS SAGE	64	EA	5 GAL	24" HEIGHT SPACED 36" O.C. MIN.

A SHRUB PLANTING DETAIL

SCALE: NONE



B TREE PLANTING DETAIL

SCALE: NONE

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L2

May 08,2026 3:26pm henguy
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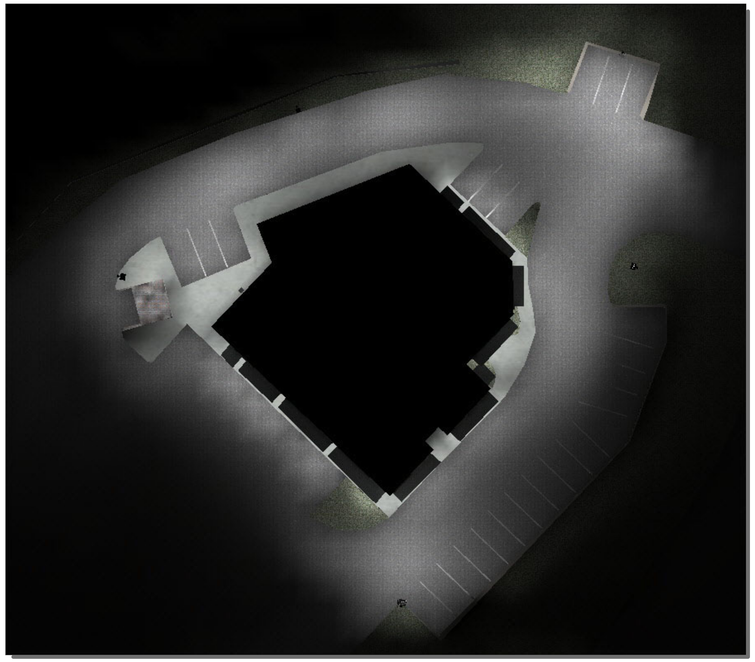

BIRD'S EYE VIEW

RENDERING FROM SOUTH-EAST

CALCULATION SUMMARY IN FOOT-CANDLES

AREA	Avg	Max	Min	Max/Min
PROPERTY LINE	0.0	0.2	0.0	N.A.
SHARED PARKING LOT	0.0	0.2	0.0	N.A.
SOUTH-WEST PARKING	2.0	7.6	0.1	76.0
NORTH- EAST PARKING	2.6	8.4	0.1	84.0

**The allowable maximum light intensity measured at the property line of a non-residential property shall be 0.2 of one foot candle.

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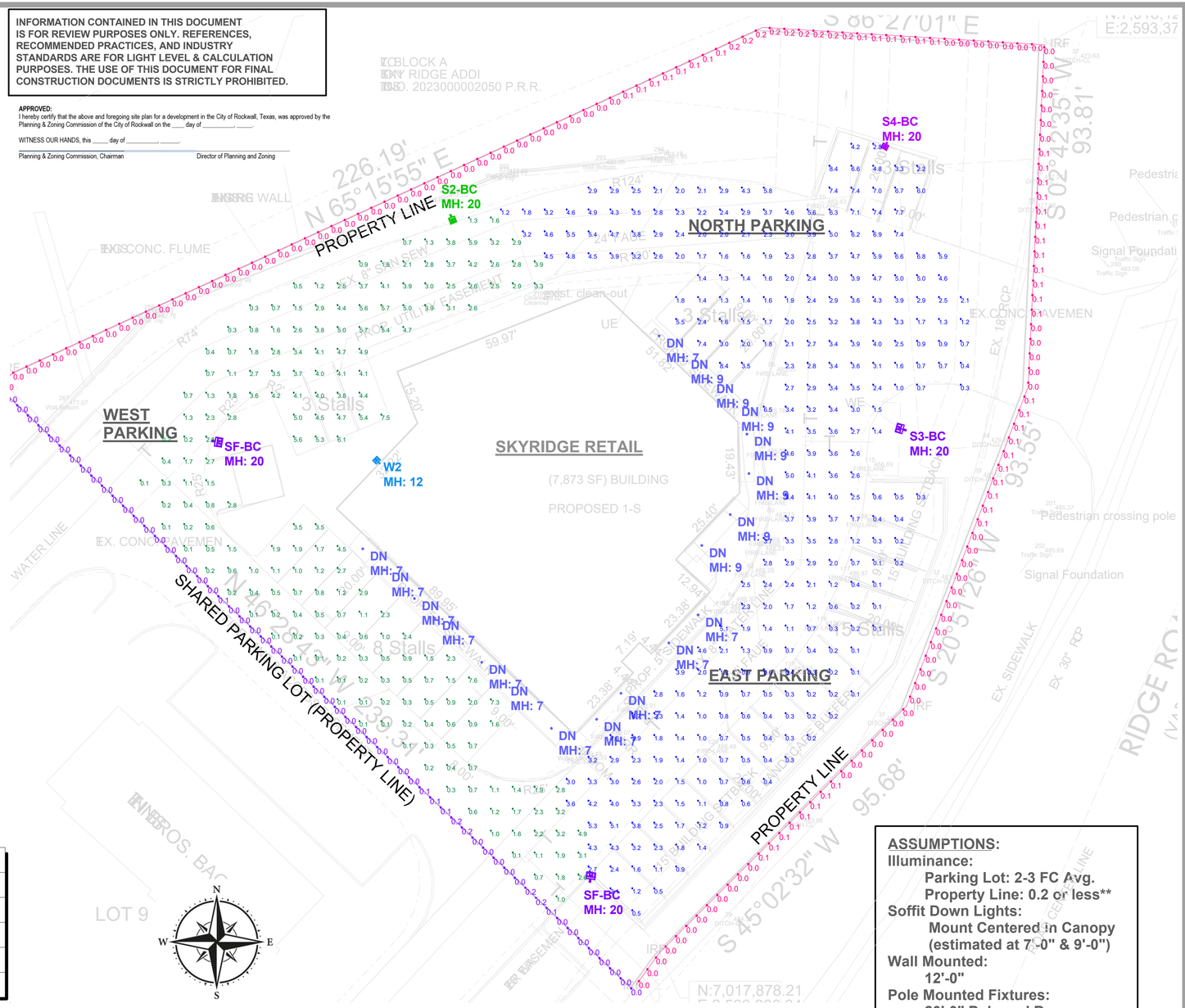

SITE LIGHTING PHOTOMETRICS

ASSUMPTIONS:
Illuminance:
Parking Lot: 2-3 FC Avg.
Property Line: 0.2 or less**
Soffit Down Lights:
Mount Centered in Canopy (estimated at 7'-0" & 9'-0")
Wall Mounted:
12'-0"
Pole Mounted Fixtures:
20'-0" Pole and Base
Calculations Points @ Grade

LIGHTING FIXTURE SCHEDULE

SYB.	TAG	QTY.	MODEL	DISCRIPTION	LLF	WATTS	LUMENS
	W2	1	VPW2-18L-39-3K7-2	BEACON VIPER-WALL PACK-3000°K-TYPE II OPTICS	0.900	38.8	4683
	SF-BC	2	VP-2-320L-145-3K7-4F-HSS-270-BSS	BEACON VIPER-MICROSTRIKE-3000°K-TYPE IV FORWRD-OPTICS	0.900	145.6	14491
	S4-BC	1	VP-2-320L-210-3K7-4W-BC	BEACON VIPER-MICROSTRIKE-3000°K-TYPE IV -BACK CONTROL	0.900	213.9	15600
	S3-BC	1	VP-2-320L-235-3K7-3-BC	BEACON VIPER-MICROSTRIKE-3000°K-TYPE III -BACK CONTROL	0.900	238	18264
	S2-BC	1	VP-2-320L-235-3K7-2-BC	BEACON VIPER-MICROSTRIKE-3000°K-TYPE II -BACK CONTROL	0.900	238	16185
	DN	19	NU4-RD-SW-30LM-30K-LOPRO	ALAPHABET-4 IN- ROUND-3000°K-LOW PROFILE HOUSING	0.900	26.72	2234

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convergence
103 E 18th Avenue
North Kansas City, MO 64116
Phone: (816) 581-6300

SKYRIDGE RETAIL
LOT 2 - 2200 RIDGE RD,
ROCKWALL, TX 75087

CALC-0242-SKYRIDGE RETAIL-ROCKWALL-TX-REV-03

DESIGNED BY:	RMD
REVISIONS	
REV-01: NEW PLAN & PL REQ.	
REV-02: ADD NEW CIVIL DWG	
REV-03: PROPERTY LINE =< 0.2	
DATE:	4/29/2026

BEACON
design . performance . technology

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

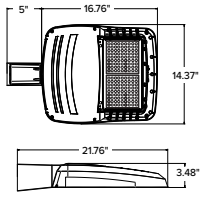
MICRO STRIKE | SILICONE STRIKE | OPTICS STRIKE

FEATURES

- Low profile LED area/site luminaire with a variety of IES distributions for lighting applications such as auto dealership, retail, commercial, and campus parking lots
- Featuring two different optical technologies, Strike and Micro Strike Optics, which provide the best distribution patterns for retrofit or new construction
- Rated for high vibration applications including bridges and overpasses. All sizes are rated for 1.5G
- Control options including photo control, occupancy sensing, NX Lighting Controls™, LightGRID+ and 7-Pin with networked controls
- New customizable lumen output feature allows for the wattage and lumen output to be customized in the factory to meet whatever specification requirements may entail
- Field interchangeable mounting provides additional flexibility after the fixture has shipped

c UL us IP65 IP66 DLC LISTED DLC LISTED PREMIUM ida DARK SKY APPROVED 2016 BAA TAA

SIZE 1



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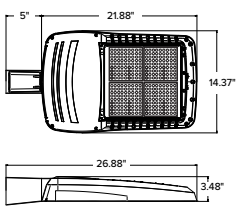
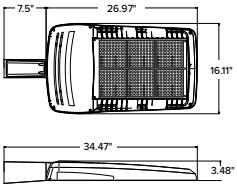
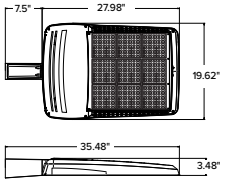


SIZE 3



SIZE 4



CONTROL TECHNOLOGY

NX CONNECT NX WIRED NX WIRELESS LIGHTGRID+

SERVICE PROGRAMS

STOCK QS10

SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with 1000 hour powder coat paint finish
- External hardware is corrosion resistant

OPTICS

- Micro Strike Optics (160, 320, 480, or 720 LED counts) maximize uniformity in applications and come standard with mid-power LEDs which evenly illuminate the entire luminous surface area to provide a low glare appearance. Catalog logic found on page 2
- Strike Optics (36, 72, 108, or 162 LED counts) provide best in class distributions and maximum pole spacing in new applications with high powered LEDs. Strike optics are held in place with a polycarbonate bezel to mimic the appearance of the Micro Strike Optics so both solutions can be combined on the same application. Catalog logic found on page 3
- Silicone Strike Optics (40, 80, 120, or 180 LED counts) maximize uniformity in applications and provides the highest LPW. These include an integral gasket allowing for IP66 rating. Catalog logic found on page 4.
- All optics maximize target zone illumination with minimal losses at the house-side, reducing light trespass issues. Additional backlight control shields and house side shields can be added for further reduction of illumination behind the pole
- One-piece silicone gasket ensures a weatherproof seal
- Zero up-light at 0 degrees of tilt
- Field rotatable optics

INSTALLATION

- Mounting patterns for each arm can be found on page 11
- Optional universal mounting block for ease of installation during retrofit applications. Available as an option (ASQU) or accessory for square and round poles
- All mounting hardware included

INSTALLATION (CONTINUED)

- Knuckle arm fitter option available for 2-3/8" OD tenon
- For products with EPA less than 1 mounted to a pole greater that 20ft, a vibration damper is recommended

ELECTRICAL

- Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz
- Ambient operating temperature -40˚C to 40˚C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- Field replaceable surge protection device provides 20kA protection meeting ANSI/ IEEE C62.41.2 Category C High and Surge Location Category C3; Automatically takes fixture off-line for protection when device is compromised
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options cannot be combined

CONTROLS

- Photo control, occupancy sensor programmable controls, and Zigbee wireless controls available for complete on/off and dimming control
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- 0-10V Dimming Drivers are standard. Select CD option to have dimming leads extended outside the luminaire. Must specify if wiring leads are to be greater than the 6" standard.

	EPA				
	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	Config.
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	
Four at 90	1.166	1.422	1.714	1.896	

CONTROLS (CONTINUED)

- NX Lighting Controls™ available with in fixture wireless control module, features dimming and occupancy sensor
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor. Also available in 7-pin configuration

CERTIFICATIONS

- DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Not all product variations listed in this document are DLC® qualified. Refer to http://www.designlights.org for the most up-to-date list.
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40˚C ambient temperatures
- 1.5 G rated for ANSI C136.31 high vibration applications
- Fixture is IP65 rated with Strike and Microstrike optics. Fixture is IP66 rated with Silicone Strike optics.
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy America(n) Solutions (link to https://www.currentlighting.com/resources/america-solutions).
- FCC CFR Title 47 Part 15, Class A

WARRANTY

- 5 year warranty

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

MICROSTRIKE OPTICS – ORDERING GUIDE

Gray Shading = Service Program Limit of 15 luminaires QS10

Example: VP–2–320L-145–3K7–2–R–UNV–A3–BLT

CATALOG #

VP –

Series	
VP	Viper

Optic Platform	
Micro Strike	

Size	
1	Size 1
2	Size 2
3	Size 3
4	Size 4

Light Engine	
160L-35 [6]	5500 lumens
160L-50 [6]	7500 lumens
160L-75	10000 lumens
160L-100	12500 lumens
160L-115	15000 lumens
160L-135	18000 lumens
160L-160	21000 lumens
320L-145	21000 lumens
320L-170	24000 lumens
320L-185	27000 lumens
320L-210	30000 lumens
320L-235	33000 lumens
320L-255	36000 lumens
320L-315 [6]	40000 lumens
480L-285	40000 lumens
480L-320	44000 lumens
480L-340	48000 lumens
480L-390	52000 lumens
480L-425	55000 lumens
480L-470	60000 lumens
720L-435	60000 lumens
720L-475	65000 lumens
720L-515	70000 lumens
720L-565 [6]	75000 lumens
720L-600 [6]	80000 lumens
CLO	Custom Lumen Output [1]

CCT/CRI	
AP	AP-Amber Phosphor Converted
27K8	2700K, 80 CRI
3K7	3000K, 70 CRI
3K8	3000K, 80 CRI
35K8	3500K, 80 CRI
3K9	3000K, 90 CRI
4K7	4000K, 70 CRI
4K8	4000K, 80 CRI
4K9	4000K, 90 CRI
5K7	5000K, 70 CRI
5K8	5000K, 80 CRI

Distribution	
2	Type 2
3	Type 3
4F	Type 4 Forward
4W	Type 4 Wide
5QW	Type 5 Square Wide

Optic Rotation	
BLANK	**No Rotation**
L	Optic rotation left
R	Optic rotation right

Voltage	
UNV	120-277V
120	120V
208	208V
240	240V
277	277V
347	347V
480	480V

Mounting	
A	Arm mount for square pole/flat surface (B3 Drill Pattern) (Does not include round pole adapter)
A_	Arm mount for round pole [2]
ASQU	Universal arm mount for square pole. Can be used with B3 or S2 Drill Pattern
A_U	Universal arm mount for round pole [2]
AAU	Adjustable arm for pole mounting (universal drill pattern)
AA_U	Adjustable arm mount for round pole [2]
ADU	Decorative upswept Arm (universal drill pattern)
AD_U	Decorative upswept arm mount for round pole [2]
MAF	Mast arm fitter for 2-3/8" OD horizontal arm
K	Knuckle
T	Trunnion
WB	Wall Bracket, horizontal tenon with MAF
WM	Wall mount bracket with decorative upswept arm
WA	Wall mount bracket with adjustable arm

Color	
BLT	Black Matte Textured
BLS	Black Gloss Smooth
DBT	Dark Bronze Matte Textured
DBS	Dark Bronze Gloss Smooth
GTT	Graphite Matte Textured
LGS	Light Grey Gloss Smooth
LGT	Light Grey Gloss Textured
PSS	Platinum Silver Smooth
WHT	White Matte Textured
WHS	White Gloss Smooth
VGT	Verde Green Textured

Color Option	
CC	Custom Color

Options	
F	Fusing
2PF	Dual Power Feed
2DR	Dual Driver
TE	Tooless Entry
BC	Backlight Control [8]
TB	Terminal Block
CD	Customer Dimming

Network Control Options	
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,3,4]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,3,4]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [3,4]
WIR	LightGRID+ In-Fixture Module [3,4]
WIRSC	LightGRID+ Module and Occupancy Sensor [3,4]

Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
7PR	7-Pin Receptacle [4]
7PR-SC	7-Pin Receptacle with shorting cap [4]
7PR-TL	7-Pin PCR with photocontrol
3PR	3-Pin twist lock [4]
3PR-SC	3-Pin receptacle with shorting cap [4]
3PR-TL	3-Pin PCR with photocontrol [4]

Programmed Controls	
SCP-_F	Sensor Control Programmable, 8F or 40F [9]
ADD	AutoDim Timer Based Dimming [10]
ADT	AutoDim Time of Day Dimming [10]

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information
2 – Replace "_" with "3" for 3.5"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
3 – Networked Controls cannot be combined with other control options
4 – Not available with 2PF option
5 – Not available with Dual Driver option
6 – Some voltage restrictions may apply when combined with controls
7 – Not available with 480V
8 – BC not available on 4F and type 5 distributions
9 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.
10 - Please refer to page 8 for AutoDim ordering guide

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CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

STRIKE OPTIC – ORDERING GUIDE

Example: VP–ST–1–36L-39–3K7–2–UNV–A–BLT

CATALOG #

VP –

Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper	**ST** Strike	**1** Size 1	**36L-39** [8] 5500 lumens	**AM** monochromatic amber, 595nm	**FR** Auto Front Row	**BLANK** No Rotation	**UNV** 120-277V
			36L-55 [8] 7500 lumens	**27K8** 2700K, 80 CRI	**2** Type 2	**L** Optic rotation left	**120** 120V
			36L-85 10000 lumens	**3K7** 3000K, 70 CRI	**3** Type 3	**R** Optic rotation right	**208** 208V
			36L-105 12500 lumens	**3K8** 3000K, 80 CRI	**4F** Type 4 Forward		**240** 240V
			36L-120 14000 lumens	**3K9** 3000K, 90 CRI	**4W** Type 4 Wide		**277** 277V
		2 Size 2	**72L-115** 15000 lumens	**35K8** 3500K, 80 CRI	**5QN** Type 5 Square Narrow		**347** 347V
			72L-145 18000 lumens	**4K7** 4000K, 70 CRI	**5QW** Type 5 Square Wide		**480** 480V
			72L-180 21000 lumens	**4K8** 4000K, 80 CRI	**5QM** Type 5 Square Medium		
			72L-210 24000 lumens	**4K9** 4000K, 90 CRI	**5W** Type 5 Wide (Round)		
			72L-240 27000 lumens	**5K7** 5000K, 70 CRI	**5RW** Type 5 Rectangular		
		3 Size 3	**108L-215** [8] 27000 lumens	**5K8** 5000K, 80 CRI	**C** Corner Optic		
			108L-250 30000 lumens		**TC** Tennis Court Optic		
			108L-280 33000 lumens				
			108L-325 36000 lumens				
			108L-365 40000 lumens				
		4 Size 4	**162L-320** 40000 lumens				
			162L-365 [10] 44000 lumens				
			162L-405 48000 lumens				
			162L-445 52000 lumens				
			162L-485 55000 lumens				
			162L-545 [8] 60000 lumens				
			CLO Custom Lumen Output [1]				

–

Mounting	Color	Options
A Arm mount for square pole/flat surface	**BLT** Black Matte Textured	**F** Fusing
A_ Arm mount for round pole [3]	**BLS** Black Gloss Smooth	**E** Battery Backup [1,2,7,8,9]
ASQU Universal arm mount for square pole	**DBT** Dark Bronze Matte Textured	**2PF** Dual Power Feed
A_U Universal arm mount for round pole [3]	**DBS** Dark Bronze Gloss Smooth	**2DR** Dual Driver
AAU Adjustable arm for pole mounting (universal drill pattern)	**GTT** Graphite Matte Textured	**TE** Tooless Entry
AA_U Adjustable arm mount for round pole [3]	**LGS** Light Grey Gloss Smooth	**BC** Backlight Control
ADU Decorative upswept Arm (universal drill pattern)	**LGT** Light Grey Gloss Textured	**TB** Terminal Block
AD_U Decorative upswept arm mount for round pole [3]	**PSS** Platinum Silver Smooth	**CD** Customer Dimming
MAF Mast arm fitter for 2-3/8" OD horizontal arm	**WHT** White Matte Textured	
K Knuckle	**WHS** White Gloss Smooth	
T Trunnion	**VGT** Verde Green Textured	
WB Wall Bracket, horizontal tenon with MAF	**Color Option**	
WM Wall mount bracket with decorative upswept arm	**CC** Custom Color	
WA Wall mount bracket with adjustable arm		

Network Control Options	
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [4,5]
WIR	LightGRID+ In-Fixture Module [4,5]
WIRSC	LightGRID+ Module and Occupancy Sensor [4,5]
Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
7PR	7-Pin Receptacle [4]
7PR-SC	7-Pin Receptacle with shorting cap [4]
7PR-TL	7-Pin PCR with photocontrol
3PR	3-Pin twist lock [4]
3PR-SC	3-Pin receptacle with shorting cap [4]
3PR-TL	3-Pin PCR with photocontrol [4]
Programmed Controls	
SCP-_F	Sensor Control Programmable, 8F or 40F [11]
ADD	AutoDim Timer Based Dimming [12]
ADT	AutoDim Time of Day Dimming [12]

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information
2 – Battery temperature rating -20C to 55C
3 – Replace "_" with "3" for 3.5"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
4 – Networked Controls cannot be combined with other control options
5 – Not available with 2PF option
6 – Not available with 480V
7 – Not available with 347 or 480V
8 – Not available with Dual Driver option
9 – Only available in Size 1 housing, up to 105 Watts
10 – Some voltage restrictions may apply when combined with controls
11 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.
12 - Please refer to page 8 for AutoDim ordering guide

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

SILICONE STRIKE OPTIC – ORDERING GUIDE

Example: VP-SS-1-40L-75-4K7-4W-UNV-ASQU-BLT

CATALOG #

VP – | – | – | – | – | – | – | – | –

Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper	**SS** Strike Silicone	**1** Size 1	**40L-35** 35W, 5,500 Lumens	**22K7** 2200K, 70 CRI	**2** Type 2	**BLANK** No Rotation	**UNV** 120-277V
			40L-55 55W, 7,500 Lumens	**27K7** 2700K, 70 CRI	**3** Type 3	**L** Optic rotation left	**120** 120V
			40L-65 65W, 10,000 Lumens	**27K8** 2700K, 80 CRI	**4W** Type 4 Wide	**R** Optic rotation right	**208** 208V
			40L-80 80W, 12,500 Lumens	**3K7** 3000K, 70 CRI	**4F** Type 4 Forward		**240** 240V
			40L-100 100W, 15,000 Lumens	**3K8** 3000K, 80 CRI	**5QM** Type 5 Square Medium		**277** 277V
			40L-120 120W, 17,500 Lumens	**35K8** 3500K, 80 CRI	**5QW** Type 5 Square Wide		**347** 347V
			40L-140 140W, 20,000 Lumens	**4K7** 4000K, 70 CRI			**480** 480V
			40L-170 170W, 22,500 Lumens	**4K8** 4000K, 80 CRI			
			40L-195 195W, 25,000 Lumens	**5K7** 5000K, 70 CRI			
		2 Size 2	**80L-75** 75W, 12,500 Lumens	**5K8** 5000K, 80 CRI			
			80L-90 90W, 15,000 Lumens				
			80L-105 105W, 17,500 Lumens				
			80L-130 130W, 21,000 Lumens				
			80L-155 155W, 24,000 Lumens				
			80L-175 175W, 27,000 Lumens				
			80L-205 205W, 30,000 Lumens				
			80L-225 225W, 33,000 Lumens				
			80L-250 250W, 36,000 Lumens				
			80L-280 280W, 40,000 Lumens				
		3 Size 3	**120L-190** 190W, 30,000 Lumens				
			120L-205 205W, 33,000 Lumens				
			120L-230 230W, 36,000 Lumens				
			120L-265 265W, 40,000 Lumens				
			120L-295 295W, 44,000 Lumens				
			120L-320 320W, 48,000 Lumens				
			120L-355 355W, 52,000 Lumens				
			120L-380 380W, 55,000 Lumens				
			120L-420 420W, 60,000 Lumens				
		4 Size 4	**180L-275** 275W, 44,000 Lumens				
			180L-295 295W, 48,000 Lumens				
			180L-335 335W, 52,000 Lumens				
			180L-360 360W, 55,000 Lumens				
			180L-395 395W, 60,000 Lumens				
			180L-435 435W, 65,000 Lumens				
			180L-470 470W, 70,000 Lumens				
			180L-510 510W, 75,000 Lumens				
			180L-550 550W, 80,000 Lumens				

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VIPER Area/Site

VIPER LUMINAIRE

SILICONE STRIKE OPTIC – ORDERING GUIDE (CONTINUED)

Mounting	
A	Arm mount for square pole/flat surface
A_	Arm mount for round pole [3]
ASQU	Universal arm mount for square pole
A_U	Universal arm mount for round pole [3]
AAU	Adjustable arm for pole mounting (universal drill pattern)
AA_U	Adjustable arm mount for round pole [3]
ADU	Decorative upswept Arm (universal drill pattern)
AD_U	Decorative upswept arm mount for round pole [3]
MAF	Mast arm fitter for 2-3/8" OD horizontal arm
K	Knuckle
T	Trunnion
WB	Wall Bracket, horizontal tenon with MAF
WM	Wall mount bracket with decorative upswept arm
WA	Wall mount bracket with adjustable arm

Color	
BLT	Black Matte Textured
BLS	Black Gloss Smooth
DBT	Dark Bronze Matte Textured
DBS	Dark Bronze Gloss Smooth
GTT	Graphite Matte Textured
LGS	Light Grey Gloss Smooth
LGT	Light Grey Gloss Textured
PSS	Platinum Silver Smooth
WHT	White Matte Textured
WHS	White Gloss Smooth
VGT	Verde Green Textured

Color Option	
CC	Custom Color

Options	
BC	Backlight Control (3%)
MBC	Max Backlight Control (1.5%)
LCC	Left Corner Control
RCC	Right Corner Control
F	Fusing
E	Battery Backup [1,2,7,8,9]
2PF	Dual Power Feed
2DR	Dual Driver
TE	Tooless Entry
TB	Terminal Block
CD	Customer Dimming

Network Control Options	
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [4,5]
WIR	LightGRID+ In-Fixture Module [4,5]
WIRSC	LightGRID+ Module and Occupancy Sensor [4,5]

Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
7PR	7-Pin Receptacle [4]
7PR-SC	7-Pin Receptacle with shorting cap [4]
7PR-TL	7-Pin PCR with photocontrol
3PR	3-Pin twist lock [4]
3PR-SC	3-Pin receptacle with shorting cap [4]
3PR-TL	3-Pin PCR with photocontrol [4]

Programmed Controls	
SCP-_F	Sensor Control Programmable, 8F or 40F [11]
ADD	AutoDim Timer Based Dimming [12]
ADT	AutoDim Time of Day Dimming [12]

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information
2 – Battery temperature rating -20C to 55C
3 – Replace "_" with "3" for 3.5"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
4 – Networked Controls cannot be combined with other control options
5 – Not available with 2PF option
6 – Not available with 480V
7 – Not available with 347 or 480V
8 – Not available with Dual Driver option
9 – Only available in Size 1 housing, up to 105 Watts
10 – Some voltage restrictions may apply when combined with controls
11 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.
12 - Please refer to page 8 for AutoDim ordering guide

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VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

ORDERING GUIDE (CONT'D)

CATALOG #

Accessory Type		Size		Option		Color	
SHD	Shield	**1**	Size 1	**HSS-90-B**	House Side Shield 90° Back	**BLS**	Black Gloss Smooth
		2	Size 2	**HSS-90-F**	House Side Shield 90° Front	**BLT**	Black Matte Textured
		3	Size 3	**HSS-90-S**	House Side Shield 90° Side	**DBS**	Dark Bronze Gloss Smooth
		4	Size 4	**HSS-270-BSS**	House Side Shield 270° Back/Side/Side	**DBT**	Dark Bronze Matte Textured
				HSS-270-FSS	House Side Shield 270° Front/Side/Side	**GTT**	Graphite Matte Textured
				HSS-270-FSB	House Side Shield 270° Front/Side/Back	**LGS**	Light Gray Gloss Smooth
				HSS-360	House Side Shield 360°	**PSS**	Platinum Silver Smooth
				BC	Back Light Control	**WHS**	White Gloss Smooth
MTG	Mounting			**A**	Arm Mount for square pole/flat surface	**WHT**	White Matte Textured
				ASQU	Universal Arm Mount for square pole	**VGT**	Green Landscape Decorative
				AAU	Adjustable Arm for pole mounting	**LEG**	Legacy Colors
				ADU	Decorative upswept Arm	**Color Option**	
				RPA	Round Pole Adapter	**CC**	Custom Color
				MAF	Mast Arm Fitter for 2-3/8" OD horizontal arm		
				K	Knuckle		
				T	Trunnion		
				WB	Wall Bracket (compatible with universal arm mounts)		

Accessory Type		Option	
MSC	Miscellaneous	**BIRD SPK**	Bird Spike

Current Control Solutions — Accessories (Sold Separately)

NX Lighting Controls

☐ **NXOFM2-1R1D-UNV** On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with NX Radio and Bluetooth® Radio, 120–480VAC

LightGRID+ Lighting Control

☐ **WIR-RME-L** On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with LightGRID+ Radio, 110–480VAC

☐ **SCP-REMOTE** Remote Control for SCP/_F option. Order at least one per project to program and control the occupancy sensor

For additional information related to these accessories please visit currentlighting.com/beacon. Options provided for use with integrated sensor, please view specification sheet ordering information table for details.

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DATE: LOCATION:

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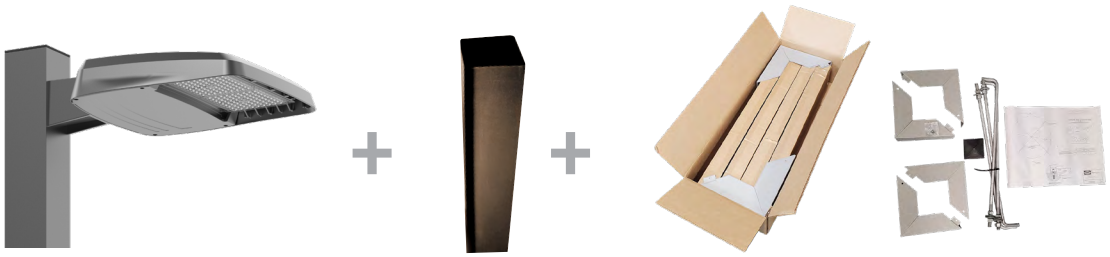
VIPER Area/Site

VIPER LUMINAIRE

VIPER POLE EXPRESS COMBO – ORDERING GUIDE



Catalog Number	Pole	Single or Double Head	Fixture	Lumens*	Wattage	Distribution	CCT/CRI	Mounting	Finish
VP-1-160-4K-3-LS-S20	**20' Square Straight Steel**	Single	**VP-1-160-4K-3-LS**	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S20-2X	**20' Square Straight Steel**	Double	**VP-1-160-4K-3-LS**	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S20	**20' Square Straight Steel**	Single	**VP-1-160-4K-4F-LS**	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S20-2X	**20' Square Straight Steel**	Double	**VP-1-160-4K-4F-LS**	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S25	**25' Square Straight Steel**	Single	**VP-1-160-4K-3-LS**	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S25-2X	**25' Square Straight Steel**	Double	**VP-1-160-4K-3-LS**	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S25	**25' Square Straight Steel**	Single	**VP-1-160-4K-4F-LS**	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S25-2X	**25' Square Straight Steel**	Double	**VP-1-160-4K-4F-LS**	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S20	**20' Square Straight Steel**	Single	**VP-1-160-5K-3-LS**	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S20-2X	**20' Square Straight Steel**	Double	**VP-1-160-5K-3-LS**	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S20	**20' Square Straight Steel**	Single	**VP-1-160-5K-4F-LS**	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S20-2X	**20' Square Straight Steel**	Double	**VP-1-160-5K-4F-LS**	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S25	**25' Square Straight Steel**	Single	**VP-1-160-5K-3-LS**	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S25-2X	**25' Square Straight Steel**	Double	**VP-1-160-5K-3-LS**	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S25	**25' Square Straight Steel**	Single	**VP-1-160-5K-4F-LS**	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S25-2X	**25' Square Straight Steel**	Double	**VP-1-160-5K-4F-LS**	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured

VIPER POLE EXPRESS COMBO – STOCK LUMINAIRE SKUS

Catalog Number	Lumens	LPW	Distribution	Wattage	CCT/CRI	Voltage	Mounting	Finish
VP-1-160-4K-3-LS	19584	123.9	3	158W	4000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-4K-4F-LS	19426	122.9	4F	158W	4000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-5K-3-LS	19499	123.4	3	158W	5000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-5K-4F-LS	19186	121.4	4F	158W	5000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured

VIPER POLE EXPRESS COMBO – ACCESSORIES

Catalog Number	Description
VM14DB	Vibration Dampener, mounts to top of pole for reduced vibration

VM14DB

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VIPER Area/Site

VIPER LUMINAIRE

OUTDOOR LIGHTING CONTROLS OPTIONS

CONTROLS FUNCTIONALITY

LIGHTGRID+ NX LIGHTING CONTROLS MOBILE APP

	Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components	
			Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height		
NX Wireless	NXOFM2-1R1D-UNV	NX 7-Pin Twist-Lock® with NX Networked Wireless Radio, Integral Automatic Dimming Photocell, Integral Single Pole Relay with Dimming, and Bluetooth Programming	✓	✓	✓	Paired with external control	✓	✓	✓	✓	–		NXOFM-1R1D-UV
	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	✓	✓	✓	–	–	✓	✓	✓	–		NXRM2-H
	NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	12ft		NXSMP2-OMNI-O
	NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	16ft		NXSMP2-LMO
	NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	40ft		NXSMP2-HMO
LightGRID+	WIR	LightGRID+ In-Fixture Module	✓	–	✓	–	–	✓	✓	Gateway	–		WIR
	WIR-RME-L	LightGRID+ On Fixture Module	✓	–	✓	–	–	✓	✓	Gateway	–		WIR-RME-L
	WIRSC	LightGRID+ Module and Occupancy Sensor	✓	✓	✓	✓	✓	✓	✓	Gateway	14ft - 40ft		BTMSP
Independent	BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	12ft		BTSMP-OMNI-O
	BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	14ft		BTSMP-LMO
	BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	40ft		BTSMP-HMO

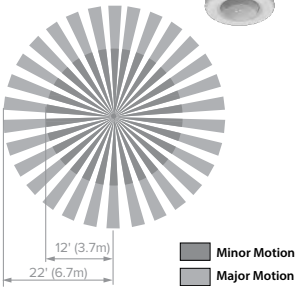
DEFAULT SETTINGS

NX Wireless	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	15 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	0%
Daylight Sensor	Disabled
Bluetooth	Enabled
2.4GHz Wireless Mesh	On
"Passcode Factory Passcode: HubbN3T!"	Enabled

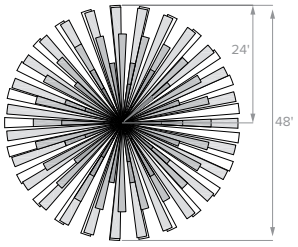
Stand Alone	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	8 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	50%
Daylight Sensor	Disabled

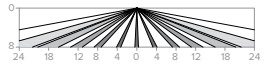
NX WIRELESS COVERAGE PATTERNS

NXSMP2-OMNI



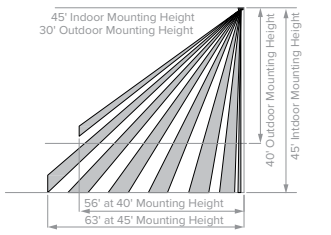
NXSMP2-LMO





Sensor Lens Coverage and Detection Patterns When Mounted at 8ft with Low Mount Lens

NXSMP2-HMO



Sensor Lens Coverage and Detection Patterns When Mounted at 40ft and 45ft with Standard Lens

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NX LIGHTING CONTROLS FREE APP

The NX Lighting Controls App is free to use mobile application for programming both NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enable luminiares and program NX system settings.

Apple App: https://apps.apple.com/us/app/nx-lighting-controls/id962112904

Google Play: https://play.google.com/store/apps/details?id=io.cordova.NXBTR&hl=en_US&gl=US

Apple App

Google Play

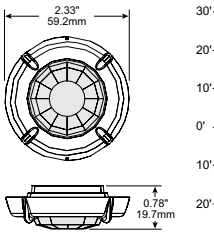
CONTROLS TECH SUPPORT 800-888-8006 (7:00 AM - 7:00 PM)

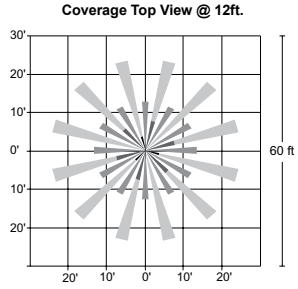
OUTDOOR LIGHTING CONTROLS OPTIONS

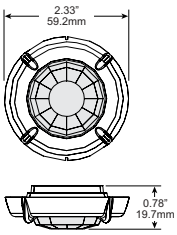
CONTROLS FUNCTIONALITY

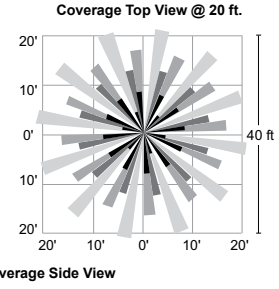
	Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components
			Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height	
Independent	SCP_F	Sensor Control Programmable, 8F or 40F	–	–	–	✓	✓	✓	✓	–	8ft or 40ft	SCP_F
	ADD	AutoDIM Timer Based Dimming	–	–	✓	–	–	–	✓	–	–	ADD
	ADT	AutoDIM Time of Day Dimming	–	–	✓	–	–	–	✓	–	–	ADT
	7PR	7-Pin Receptacle	–	–	Paired with external control	–	Paired with external control	–	Paired with external control	–	–	7PR
	7PR-SC	7-Pin Receptacle with shorting cap	–	–	–	–	–	–	–	–	–	7PR-SC
	3PR	3-Pin twist lock	–	–	–	–	–	–	Paired with external control	–	–	3PR
	3PR-SC	3-Pin Receptacle with shorting cap	–	–	–	–	–	–	–	–	–	3PR-SC
	3PR-TL	3-Pin with photocontrol	–	–	–	–	✓	–	✓	–	–	3PR-TL

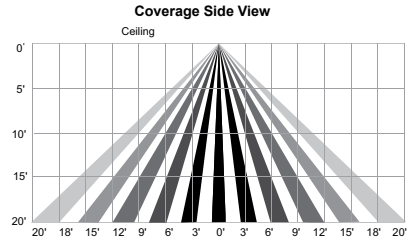
COVERAGE PATTERNS FOR SCP_F



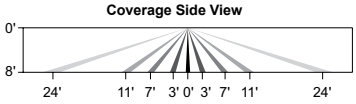


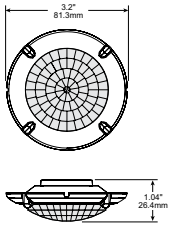


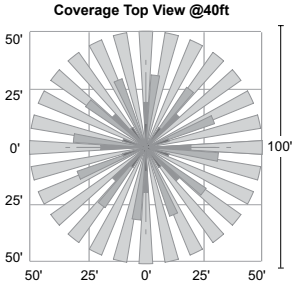


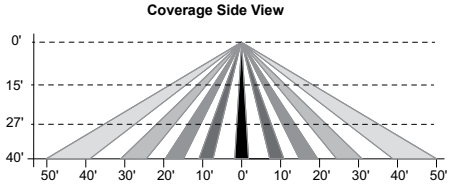


Coverage Side View









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VIPER Area/Site

VIPER LUMINAIRE

PROGRAMMED CONTROLS

ADD-AutoDim Timer Based Options

- Light delay options from 1-9 hours after the light is turned on to dim the light by 10-100%. To return the luminaire to its original light level there are dim return options from 1-9 hours after the light has been dimmed previously.

EX: ADD-6-5-R6

ADD Control Options	Configurations Choices	Example Choice Picked
Auto-Dim Options	1-9 Hours	6 - Delay 6 hours
Auto-Dim Brightness	10-100% Brightness	5 - Dim to 50% brightness
Auto-Dim Return	Delay 0-9 Hours	R6 - Return to full output after 6 hours

ADT-AutoDim Time of Day Based Option

- Light delay options from 1AM-9PM after the light is turned on to dim the light by 10-100%. To return the luminaire to its original light level there are dim return options from 1AM-9PM after the light has been dimmed previously.

EX: ADT-6-5-R6

ADD Control Options	Configurations Choices	Example Choice Picked
Auto-Dim Options	12-3 AM and 6-11 PM	6 - Dim at 6PM
Auto-Dim Brightness	10-100% Brightness	5 - Dim to 50%
Auto-Dim Return	12-6 AM and 9-11P	R6 - Return to full output at 6AM

ORDERING GUIDE

Auto Dim Code	Timer Base (ADD) Auto-Dim Options		Auto Dim Cod	Time of Day (ADT) Auto-Dim Options
D1	Delay 1 hour		T0	Delay Midnight
D2	Delay 2 hours		T1	Delay 1 AM
D3	Delay 3 hours		T2	Delay 2 AM
D4	Delay 4 hours		T3	Delay 3 AM
D5	Delay 5 hours	OR	T4	Delay 10 PM
D6	Delay 6 hours		T5	Delay 11 PM
D7	Delay 7 hours		T6	Delay 6 PM
D8	Delay 8 hours		T7	Delay 7 PM
D9	Delay 9 hours		T8	Delay 8 PM
D0	Delay 0 hours		T9	Delay 9 PM

Code	Auto-Dim Brightness
0	100% Brightness
1	10% Brightness
2	20% Brightness
3	30% Brightness
4	40% Brightness
5	50% Brightness
6	60% Brightness
7	70% Brightness
8	80% Brightness
9	90% Brightness

Code	Auto-Dim Return Options
R1	Delay 1 hour or 1 AM
R2	Delay 2 hours or 2 AM
R3	Delay 3 hours or 3 AM
R4	Delay 4 hours or 4 AM
R5	Delay 5 hours or 5 AM
R6	Delay 6 hours or 6 AM
R7	Delay 7 hours or 7 AM
R8	Delay 8 hours or 8 AM
R9	Delay 9 hours or 9 AM
R0	Delay 0 hours or 12 AM

Code	Auto-Dim Brightness
0	100% Brightness
1	10% Brightness
2	20% Brightness
3	30% Brightness
4	40% Brightness
5	50% Brightness
6	60% Brightness
7	70% Brightness
8	80% Brightness
9	90% Brightness

DELIVERED LUMENS

For delivered lumens, please see Lumens Data PDF on www.Currentlighting.com

PROJECTED LUMEN MAINTENANCE

Ambient Temp.	0	25,000	*TM-21-11 36,000	50,000	100,000	Calculated L_{70} (Hours)
25°C / 77°F	1.00	0.97	0.96	0.95	0.91	408,000
40°C / 104°F	0.99	0.96	0.95	0.94	0.89	356,000

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

Micro Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	–	0.841	–
3000K	0.977	0.861	0.647
3500K	–	0.900	–
4000K	1	0.926	0.699
5000K	1	0.937	0.791
AP-Amber Phosphor Converted Multiplier			
Amber	0.710		

Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	0.9	0.81	0.62
3000K	0.933	0.853	0.659
3500K	0.959	0.894	0.711
4000K	1	0.9	0.732
5000K	1	0.9	0.732
Monochromatic Amber Multiplier			
Amber	See Amber Spec Sheet		

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VIPER Area/Site

VIPER LUMINAIRE

ELECTRICAL DATA: MICRO STRIKE

# OF LEDS	160						
NOMINAL WATTAGE	35	50	75	100	115	135	160
SYSTEM POWER (W)	34.9	50.5	72.1	97.2	111.9	132.2	157.8
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	0.29	0.42	0.63	0.83	0.96	1.13	1.33
208	0.17	0.24	0.36	0.48	0.55	0.65	0.77
240	0.15	0.21	0.31	0.42	0.48	0.56	0.67
277	0.13	0.18	0.27	0.36	0.42	0.49	0.58
347	0.10	0.14	0.22	0.29	0.33	0.39	0.46
480	0.07	0.10	0.16	0.21	0.24	0.28	0.33

# OF LEDS	320						
NOMINAL WATTAGE	145	170	185	210	235	255	315
SYSTEM POWER (W)	150	166.8	185.7	216.2	240.9	261.5	312
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	1.21	1.42	1.54	1.75	1.96	2.13	2.63
208	0.70	0.82	0.89	1.01	1.13	1.23	1.51
240	0.60	0.71	0.77	0.88	0.98	1.06	1.31
277	0.52	0.61	0.67	0.76	0.85	0.92	1.14
347	0.42	0.49	0.53	0.61	0.68	0.73	0.91
480	0.30	0.35	0.39	0.44	0.49	0.53	0.66

# OF LEDS	480					
NOMINAL WATTAGE	285	320	340	390	425	470
SYSTEM POWER (W)	286.2	316.7	338.4	392.2	423.2	468
INPUT VOLTAGE (V)	CURRENT (Amps)					
120	2.38	2.67	2.83	3.25	3.54	3.92
208	1.37	1.54	1.63	1.88	2.04	2.26
240	1.19	1.33	1.42	1.63	1.77	1.96
277	1.03	1.16	1.23	1.41	1.53	1.70
347	0.82	0.92	0.98	1.12	1.22	1.35
480	0.59	0.67	0.71	0.81	0.89	0.98

# OF LEDS	720				
NOMINAL WATTAGE	435	475	515	565	600
SYSTEM POWER (W)	429.3	475	519.1	565.2	599.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	3.63	3.96	4.29	4.71	5.00
208	2.09	2.28	2.48	2.72	2.88
240	1.81	1.98	2.15	2.35	2.50
277	1.57	1.71	1.86	2.04	2.17
347	1.25	1.37	1.48	1.63	1.73
480	0.91	0.99	1.07	1.18	1.25

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TYPE: PROJECT:

CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

ELECTRICAL DATA: STRIKE

# OF LEDS	36				
NOMINAL WATTAGE	39	55	85	105	120
SYSTEM POWER (W)	39.6	56.8	83.6	108.2	120.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.33	0.46	0.71	0.88	0.96
208	0.19	0.26	0.41	0.50	0.55
240	0.16	0.23	0.35	0.44	0.48
277	0.14	0.20	0.31	0.38	0.42
347	0.11	0.16	0.24	0.30	0.33
480	0.08	0.11	0.18	0.22	0.24

# OF LEDS	72				
NOMINAL WATTAGE	115	145	180	210	240
SYSTEM POWER (W)	113.7	143.2	179.4	210.2	241.7
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	1.00	1.21	1.50	1.75	1.79
208	0.58	0.70	0.87	1.01	1.03
240	0.50	0.60	0.75	0.88	0.90
277	0.43	0.52	0.65	0.76	0.78
347	0.35	0.42	0.52	0.61	0.62
480	0.25	0.30	0.38	0.44	0.45

# OF LEDS	108				
NOMINAL WATTAGE	215	250	280	325	365
SYSTEM POWER (W)	214.8	250.8	278.3	324.7	362.6
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	2.00	2.08	2.33	3.04	2.67
208	1.15	1.20	1.35	1.75	1.54
240	1.00	1.04	1.17	1.52	1.33
277	0.87	0.90	1.01	1.32	1.16
347	0.69	0.72	0.81	1.05	0.92
480	0.50	0.52	0.58	0.76	0.67

# OF LEDS		162				
NOMINAL WATTAGE	320	365	405	445	485	545
SYSTEM POWER (W)	322.1	362.6	403.6	445.1	487.1	543.9
INPUT VOLTAGE (V)		CURRENT (Amps)				
120	2.71	2.67	3.38	3.71	4.04	4.54
208	1.56	1.54	1.95	2.14	2.33	2.62
240	1.35	1.33	1.69	1.85	2.02	2.27
277	1.17	1.16	1.46	1.61	1.75	1.97
347	0.94	0.92	1.17	1.28	1.40	1.57
480	0.68	0.67	0.84	0.93	1.01	1.14

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DATE: LOCATION:

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CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

ELECTRICAL DATA: SILICONE STRIKE

# OF LEDS	40								
NOMINAL WATTAGE (W)	35	55	65	80	100	120	140	170	195
SYSTEM POWER (W)	34.4	47.4	63.3	82.2	101.7	121.6	141.4	168.8	193.0
INPUT VOLTAGE (V)	CURRENT (A)								
120	0.29	0.40	0.53	0.69	0.85	1.01	1.18	1.41	1.61
208	0.17	0.23	0.30	0.40	0.49	0.58	0.68	0.81	0.93
240	0.14	0.20	0.26	0.34	0.42	0.51	0.59	0.70	0.80
277	0.12	0.17	0.23	0.30	0.37	0.44	0.51	0.61	0.70
347	0.10	0.14	0.18	0.24	0.29	0.35	0.41	0.49	0.56
480	0.07	0.10	0.13	0.17	0.21	0.25	0.29	0.35	0.40

# OF LEDS	80									
NOMINAL WATTAGE (W)	75	90	105	130	155	175	205	225	250	280
SYSTEM POWER (W)	74.0	87.0	105.3	131.9	153.5	175.4	203.4	226.1	249.0	281.0
INPUT VOLTAGE (V)	CURRENT (A)									
120	0.62	0.73	0.88	1.10	1.28	1.46	1.70	1.88	2.08	2.34
208	0.36	0.42	0.51	0.63	0.74	0.84	0.98	1.09	1.20	1.35
240	0.31	0.36	0.44	0.55	0.64	0.73	0.85	0.94	1.04	1.17
277	0.27	0.31	0.38	0.48	0.55	0.63	0.73	0.82	0.90	1.01
347	0.36	0.42	0.51	0.63	0.74	0.84	0.98	1.09	1.20	1.35
480	0.15	0.18	0.22	0.27	0.32	0.37	0.42	0.47	0.52	0.59

# OF LEDS	120								
NOMINAL WATTAGE (W)	190	205	230	265	295	320	355	380	420
SYSTEM POWER (W)	189.8	206.0	230.3	263.2	296.5	322.0	356.3	382.3	421.6
INPUT VOLTAGE (V)	CURRENT (A)								
120	1.58	1.72	1.92	2.19	2.47	2.68	2.97	3.19	3.51
208	0.91	0.99	1.11	1.27	1.43	1.55	1.71	1.84	2.03
240	0.79	0.86	0.96	1.10	1.24	1.34	1.48	1.59	1.76
277	0.69	0.74	0.83	0.95	1.07	1.16	1.29	1.38	1.52
347	0.55	0.59	0.66	0.76	0.85	0.93	1.03	1.10	1.21
480	0.40	0.43	0.48	0.55	0.62	0.67	0.74	0.80	0.88

# OF LEDS	180								
NOMINAL WATTAGE (W)	275	295	335	360	395	435	470	510	550
SYSTEM POWER (W)	272.7	296.8	333.2	357.8	394.7	432.4	470.2	508.7	547.4
INPUT VOLTAGE (V)	CURRENT (A)								
120	2.27	2.47	2.78	2.98	3.29	3.60	3.92	4.24	4.56
208	1.31	1.43	1.60	1.72	1.90	2.08	2.26	2.45	2.63
240	1.14	1.24	1.39	1.49	1.64	1.80	1.96	2.12	2.28
277	0.98	1.07	1.20	1.29	1.42	1.56	1.70	1.84	1.98
347	0.79	0.86	0.96	1.03	1.14	1.25	1.36	1.47	1.58
480	0.57	0.62	0.69	0.75	0.82	0.90	0.98	1.06	1.14

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VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

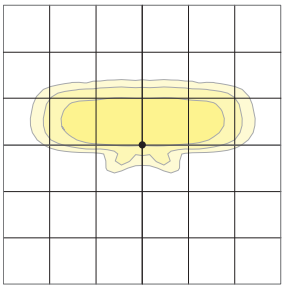
TYPE: PROJECT:

CATALOG #:

MICRO STRIKE PHOTOMETRY

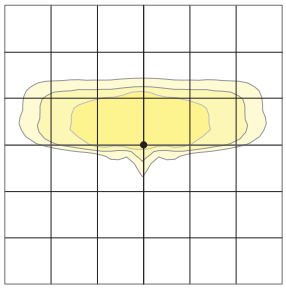
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

Type 2



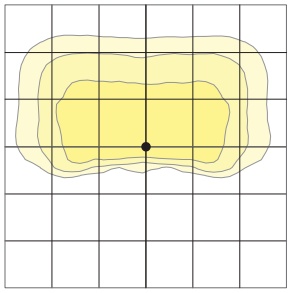
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 3



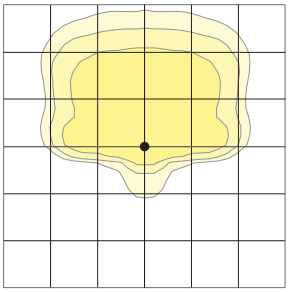
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4 Wide



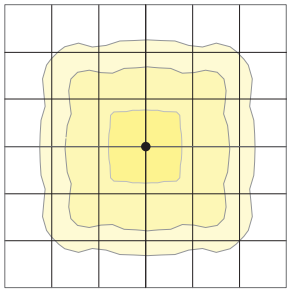
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4F



Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QW



Mounting Height: 20 ft
Scale: 1 inch = 20 ft

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VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

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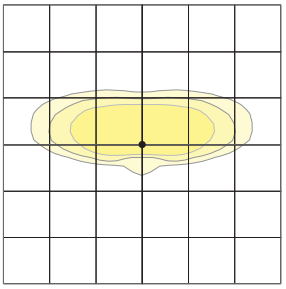
CATALOG #:

OPTIC STRIKE PHOTOMETRY

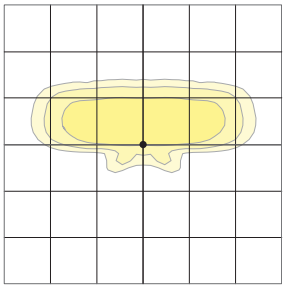
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

Type FR – Front Row/Auto Optic



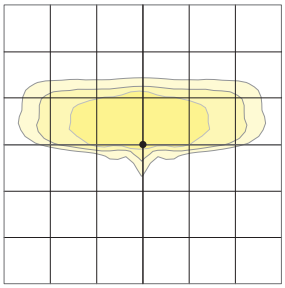
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 2



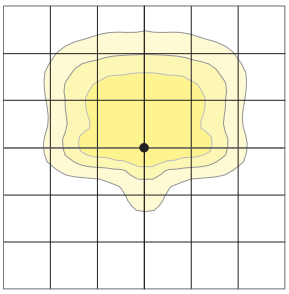
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 3



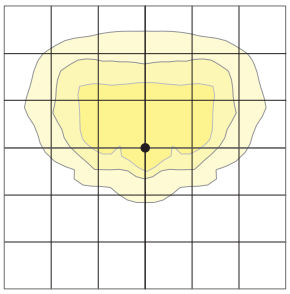
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4 Forward



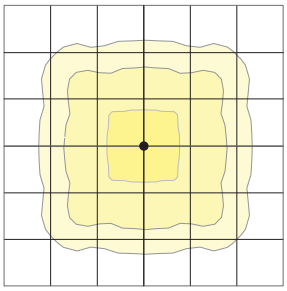
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4 Wide



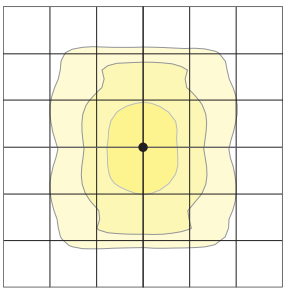
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QM



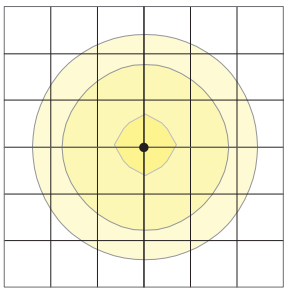
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5RW (rectangular)



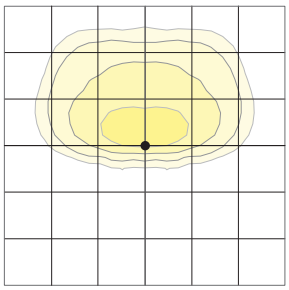
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5W (round wide)



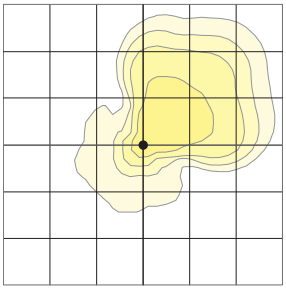
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type TC



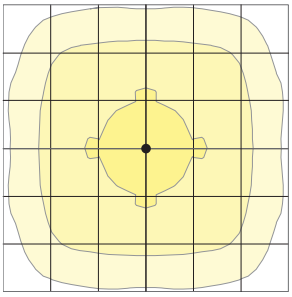
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type Corner



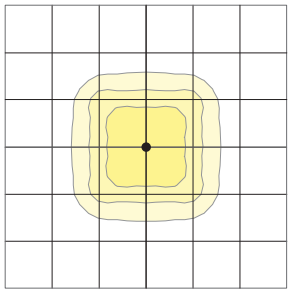
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QW



Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QN



Mounting Height: 20 ft
Scale: 1 inch = 20 ft

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VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

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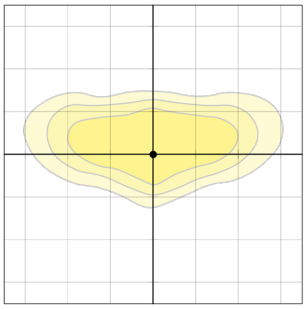
CATALOG #:

SILICONE OPTIC STRIKE PHOTOMETRY

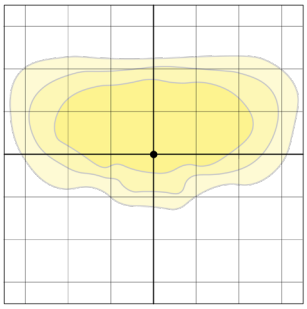
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

Type 2



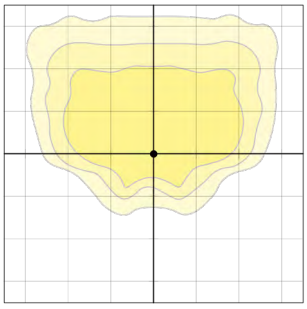
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 3



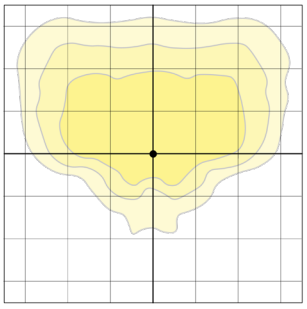
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4 Forward



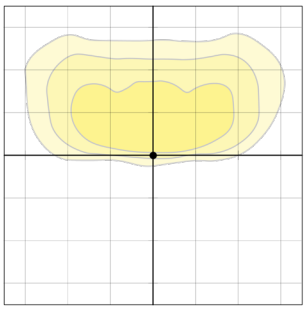
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4 Wide



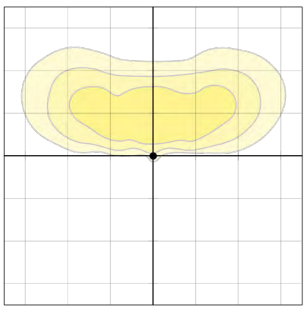
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4WBC



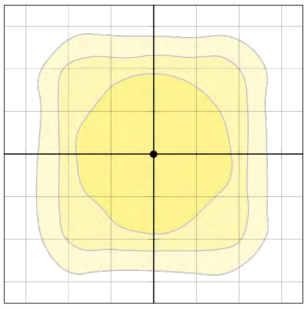
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4WMBC



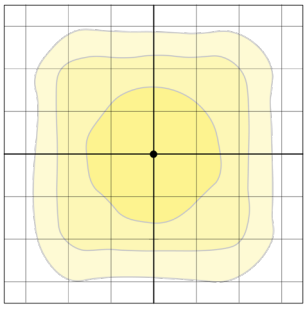
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 5QM



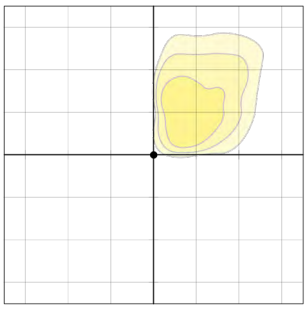
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 5QW



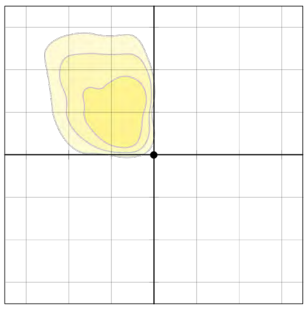
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type LCC



Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type RCC



Mounting Height: 20 ft
Scale: 1 inch = 25 ft

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DATE: LOCATION:

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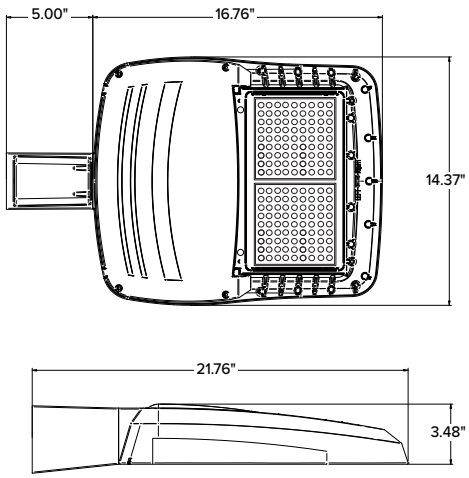
VIPER Area/Site

VIPER LUMINAIRE

DIMENSIONS

SIZE 1



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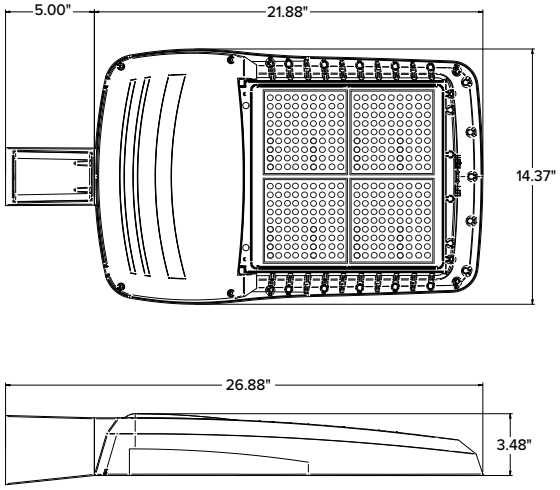

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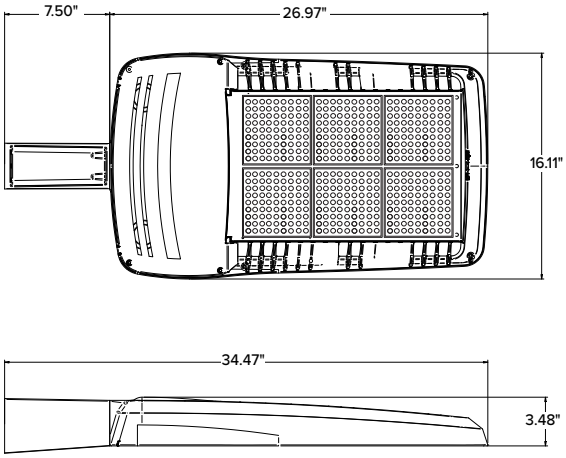
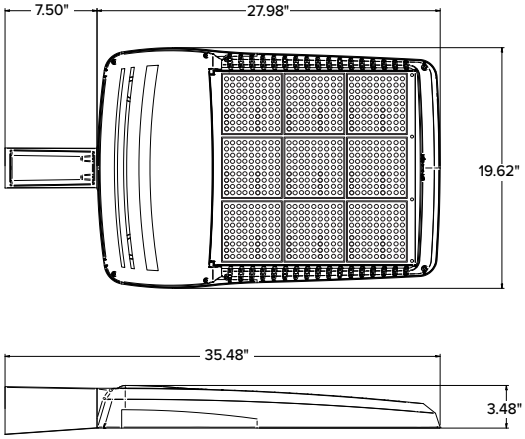


SIZE 4



	EPA				
	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	Config.
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	
Four at 90	1.166	1.422	1.714	1.896	

	Weight	
	lbs	kgs
VP1 (Size 1)	13.7	6.2
VP2 (Size 2)	16.0	7.26
VP3 (Size 3)	25.9	11.7
VP4 (Size 4)	30.8	13.9

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CATALOG #:

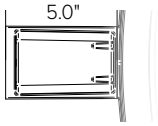
VIPER Area/Site

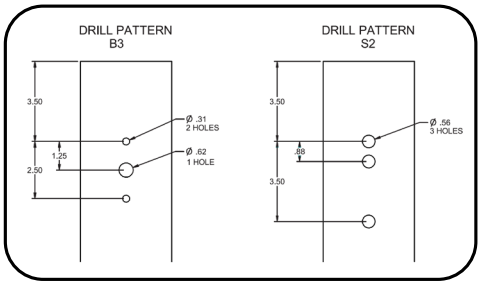
VIPER LUMINAIRE

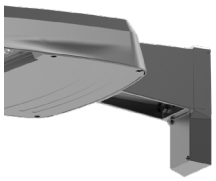
MOUNTING

A–STRAIGHT ARM MOUNT

Fixture ships with integral arm for ease of installation. Compatible with Current Outdoor B3 drill pattern for ease of installation on square poles. For round poles add applicable suffix (2/3/4/5)

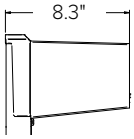


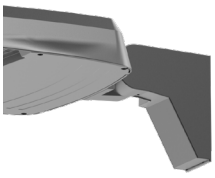




ASQU–UNIVERSAL ARM MOUNT

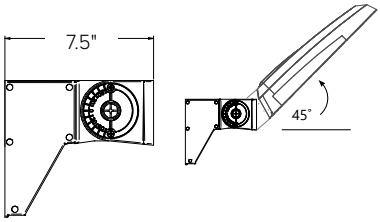
Universal mounting block for ease of installation. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5)

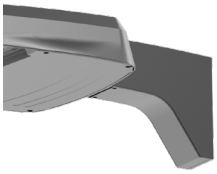




AAU–ADJUSTABLE ARM FOR POLE MOUNTING

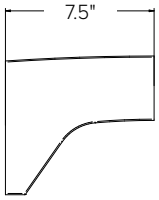
Rotatable arm mounts directly to pole. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2 and B3. For round poles add applicable suffix (2/3/4/5). Rotatable in 5˚ aiming angle increments. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.

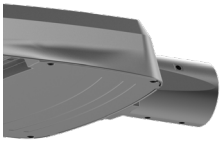




ADU–DECORATIVE UPSWEPT ARM

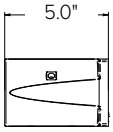
Upswept Arm compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5).

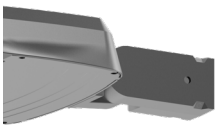




MAF–MAST ARM FITTER

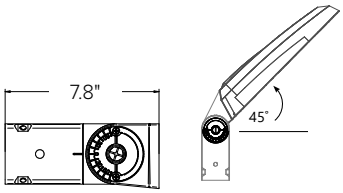
Fits 2-3/8" OD horizontal tenons.

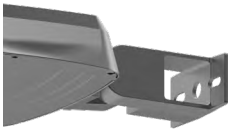




K–KNUCKLE

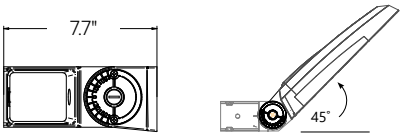
Rotatable in 5-degree aiming angle increments, fits 2-3/8" tenons or pipes. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.





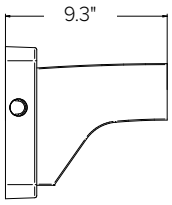
T–TRUNNION

Trunnion for surface and crossarm mounting using (1) 3/4" or (2) 1/2" size through bolts. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



WM–WALL MOUNT

Compatible with universal arm mount, adjustable arm mount, and decorative arm mount. The WA option uses the same wall bracket but replaces the decorative arm with an adjustable arm.



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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Area/Site

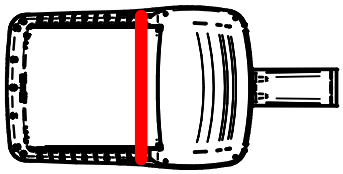
VIPER LUMINAIRE

ADDITIONAL INFORMATION (CONTINUED)

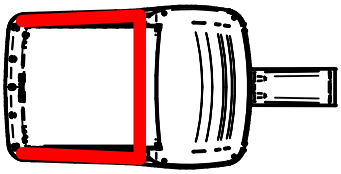
HOUSE SIDE SHIELD FIELD INSTALL ACCESSORIES

HSS has a depth of 5" for all Viper sizes
Not to be used with Occupancy Sensors as the shield may block the light to the sensor.

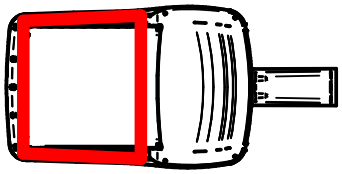
VPR2x HSS-90-B-xx



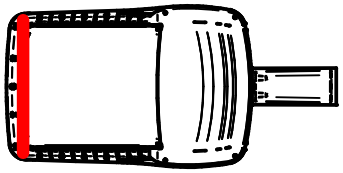
VPR2x HSS-270-BSS-xx



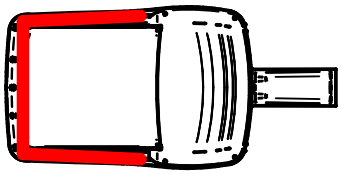
VPR2x HSS-360-xx



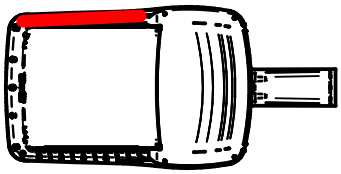
VPR2x HSS-90-F-xx



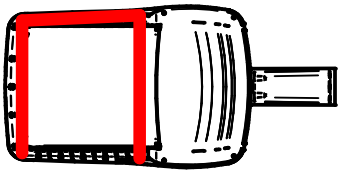
VPR2x HSS-270-FSS-xx



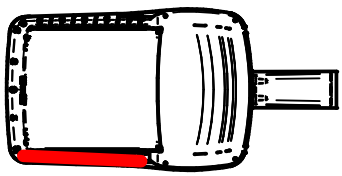
VPR2x HSS-90-S-xx



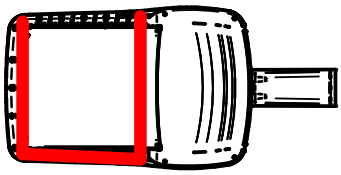
VPR2x HSS-270-FSB-xx



VPR2x HSS-90-S-xx



VPR2x HSS-270-FSB-xx



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BEACON
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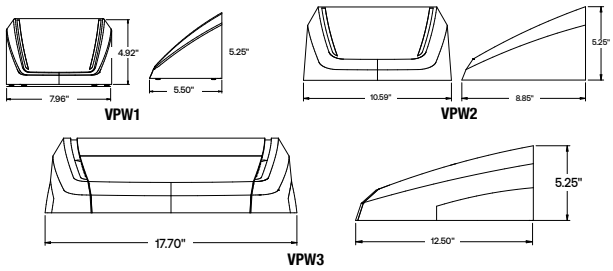
VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

MICRO STRIKE | OPTICS STRIKE



	Weight
VPW1	4.1 lbs / 1.86 kg
VPW2	7.15 lbs / 3.24 kg
VPW3	17.1 lbs / 7.80 kg

FEATURES

- Low profile LED wall luminaire with a variety of IES distributions for lighting applications such as retail, commercial and industrial building mount
- Featuring Strike and Micro Strike Optics which maximizes target zone illumination with minimal losses at the house-side, reducing light trespass issues
- Visual Comfort - Option for Size 2 and Size 3
- Control options including photo control, occupancy sensing, NX Distributed Intelligence™, and LightGRID+.
- Battery Backup options available for emergency code compliance
- Quick-mount adapter allows easy installation/maintenance
- 347V and 480V versions for industrial applications and Canada

C US BAA TAA DARKSKY APPROVED

CONTROL TECHNOLOGY

NX CONNECT NX WIRED NX WIRELESS LIGHTGRID+

SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins that are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with powder coat paint finish
- Powder paint finish provides durability in outdoor environments. Tested to meet 1000 hour salt spray rating

OPTICS

- Entire optical aperture illuminates to create a larger luminous surface area resulting in a low glare appearance without sacrificing optical performance
- 2700K, 3000K, 3500K, 4000K and 5000K CCTs
- Zero uplight distributions
- LED optics provide IES type II, III and IV distributions.

INSTALLATION

- Quick-mount adapter provides easy installation to wall or to recessed junction boxes (4" square junction box)
- Designed for direct j-box mount.

ELECTRICAL

- 120V-277V universal voltage 50/60Hz 0-10V dimming drivers
- 347V input is available in most wattage, 480V is available for 55W and above.
- Ambient operating temperature -40˚C to 40˚C
- Driver RoHS and IP66
- 10kV Surge Protector optional
- Drivers have greater than .90 power factor and less than 20% Total Harmonic Distortion
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options can not be included in one same fixture.
- Dimming drivers are standard. Select CD (Customer Dimming) for the dimming wires to be extended outside the fixture.

CONTROLS

- Photo control, occupancy sensor and wireless available for complete on/off and dimming control
- Button photocontrol is suitable for 120-277V operation
- NX Distributed Intelligence™ available with in fixture wireless control module, features dimming and occupancy sensor

CONTROLS CONTINUED

- Integral Battery Backup provides emergency lighting for the required 90 minute path of egress
- Battery Backup suitable for operating temperatures -20˚C to 40˚C.
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application.
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor.

CERTIFICATIONS

- Certified to UL 1598 and CSA 22.2#250.0-24
- IP65 rated housing
- Emergency battery backup options are California Energy Commission (CEC) Title 20 Compliant
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225- 11). See Buy America(n) Solutions (link to https://http://www.currentlighting.com/resources/americasolutions).
- DarkSky approved with 3000K CCT or warmer

WARRANTY

- 5 year limited warranty

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ORDERING GUIDE

Example: VPW1–24L-10–3K7–2–UNV–BLS

CATALOG #

Series		Optic Platform		# LEDs - Wattage		CCT/CRI		Distribution		Voltage		Color	
VPW1	Viper Wall 1	**(blank)**	Microstrike	**24L-10**	1,000 Lumens	**27K8**	2700K, 80 CRI[16]	**FR**	Auto Front Row[7,15]	**UNV**	120-277V	**BLT**	Black Matte Textured
		ST	Strike	**24L-15**	2,000 Lumens	**3K7**	3000K, 70 CRI[16]	**2**	IES TYPE 2	**120**	120V	**BLS**	Black Gloss Smooth
				24L-25	3,000 Lumens	**4K7**	4000K, 70 CRI	**3**	IES TYPE 3	**208**	208V	**DBT**	Dark Bronze Matte Textured
VPW2	Viper Wall 2			**48L-15**	2,000 Lumens	**5K7**	5000K, 70 CRI	**4F**	IES TYPE 4 Forward	**240**	240V	**DBS**	Dark Bronze Gloss Smooth
				48L-20	3,000 Lumens	**3K8**	3000K, 80 CRI	**4W**	IES TYPE 4W	**277**	277V	**GTT**	Graphite Matte Textured
				48L-30	4,000 Lumens	**35K8**	3500K, 80 CRI			**347**	347V	**LGS**	Light Grey Gloss Smooth
				48L-35	5,000 Lumens	**4K8**	4000K, 80 CRI			**480**	480V	**LGT**	Light Grey Matte Textured
				48L-45	6,000 Lumens	**5K8**	5000K, 80 CRI					**PSS**	Platinum Silver Smooth
				80L-20	3,000 Lumens	**AP**	Phosphor Converted Amber[1]					**WHT**	White Matte Textured
				80L-25	4,000 Lumens							**WHS**	White Gloss Smooth
				80L-35	5,000 Lumens							**VGT**	Verde Green Textured
				80L-45	6,000 Lumens							**Color Option**	
				80L-55	7,000 Lumens							**CC**	Custom Color
				80L-65	8,000 Lumens								
				80L-70	8,500 Lumens								
				18L-25	3,000 Lumens, Strike Optics								
				18L-30	4,000 Lumens, Strike Optics								
				18L-39	4,750 Lumens, Strike Optics								
				18L-50	6,000 Lumens, Strike Optics								
				18L-60	6,500 Lumens, Strike Optics								
VPW3	Viper Wall 3			**160L-45**	7,000 Lumens								
				160L-70	10,000 Lumens								
				160L-95	12,500 Lumens								
				160L-105	15,000 Lumens								
				160L-135	17,500 Lumens								
				160L-155	20,000 Lumens								
				36L-55	7,000 Lumens, Strike Optics								
				36L-80	9,500 Lumens, Strike Optics								
				36L-100	11,500 Lumens, Strike Optics								
				36L-120	13,000 Lumens, Strike Optics								

Control Options Network[3,7,11,13]	
NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming[14]
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming[9]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming[9]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor
WIR	LightGRID+ In-Fixture Module[9]
WIRSC	LightGRID+ In-Fixture Moduel with BTS occupancy[9]
Stand Alone Sensors[7,11,13]	
BTS-14F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor[4,9]
BTS-40F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor[4,9]
BTSO-12F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor, up to 12' mounting height[14]
Photocontrol[13]	
PC	Button Photocontrol 120-277V

Options	
F	Fusing[5,7]
E	Battery[6,7,8]
EH	Battery with Heater[6,7,8]
CS	Comfort Shield[7,10]
SP	10kA Surge Protector
2PF	Dual Power Feed[2,7,8,17]
2DR	Dual Driver[2,7,8,17]
CD	Customer Dimming[12]
DTS	Dimming Transfer Switch[7]

Notes:

1 Available with Micro Strike Optics only
2 Not available with 480V in Size 1 and Size 2
3 Networked controls cannot be combined with other control options
4 Not available with VPW1 or with 2PF or 2DR options
5 Must specify voltage (VPW1 & VPW2: 120V, 277V or 347V; VPW3: 120V, 208V, 240V, 277V, 347V or 480V)
6 See page 10 for detail Battery configurations
7 Not available in VPW1
8 2PF can't be combined with E or EH; 2DR can't be combined with E or EH in VPW2
9 Not avialable in VPW1 and VPW2
10 Not available with Micro Strike 24L and 48L. Not available with Strike 18L and 36L
11 Not available with 2PF
12 Not available with Network Control options or Stand Alone Sensors. Can be ordered with PC
13 Not available in 480V in VPW2; Only available in 480V in VPW3 in 80W, 100W, 120W, 135W and 155W
14 NXWS12F and BTSO-12F are the only sensors available in VPW2
15 Available with Strike Optics only (18L or 36L)
16 DarkSky approved with 3000K CCT or warmer
17 Not available in Size 2 80L

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ACCESSORIES AND REPLACEMENT PARTS - MADE TO ORDER

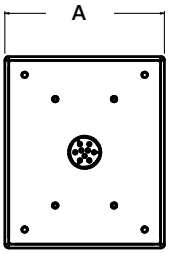
	Catalog Number	Description
☐	**WP-BB-XXX**	Back Box Accessory for conduit entry[1]
☐	**CS**	Comfort Shield[2]

Notes:

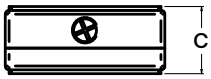
1 replace "xxx" with color option

2 Not available with Micro Strike 24L and 48L or Strike 18L and 36L

DIMENSIONS



Back Box Accessory



A	B	C
4.9" 124mm	5.9" 150mm	2.1" 53mm

CONTROLS FUNCTIONALITY

OUTDOOR LIGHTING CONTROLS OPTIONS

LIGHTGRID+

	Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components	
			Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height		
NX Wireless	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	✓	✓	✓	–	–	✓	✓	✓	–		NXRM2-H
NX Wireless	NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	16ft		NXSMP2-LMO
NX Wireless	NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	40ft		NXSMP2-HMO
LightGRID+	WIR	LightGRID+ In-Fixture Module	✓	–	✓	–	–	✓	✓	Gateway	–		WIR
Independent	BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	12ft		BTSMP-OMNI-O
Independent	BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	14ft		BTSMP-LMO
Independent	BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	40ft		BTSMP-HMO

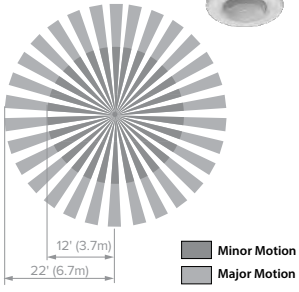
DEFAULT SETTINGS

NX Wireless	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	15 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	0%
Daylight Sensor	Disabled
Bluetooth	Enabled
2.4GHz Wireless Mesh	Off
"Passcode Factory Passcode: HubbN3T!"	Enabled

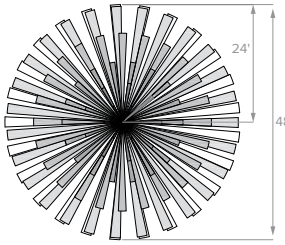
Stand Alone	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	8 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	0% (Off)
Daylight Sensor	Disabled

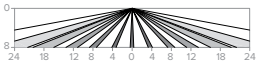
NX WIRELESS COVERAGE PATTERNS

NXSMP2-OMNI



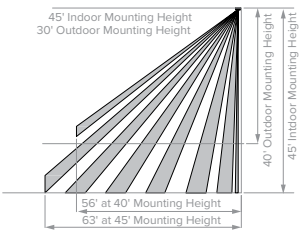
NXSMP2-LMO





Sensor Lens Coverage and Detection Patterns When Mounted at 8ft with Low Mount Lens

NXSMP2-HMO



Sensor Lens Coverage and Detection Patterns When Mounted at 40ft and 45ft with Standard Lens

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VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

NX LIGHTING CONTROLS FREE APP

The NX Lighting Controls App is free to use mobile application for programming both NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enable luminiares and program NX system settings.

Apple App: https://apps.apple.com/us/app/nx-lighting-controls/id962112904

Google Play: https://play.google.com/store/apps/details?id=io.cordova.NXBTR&hl=en_US&gl=US

NX LIGHTING CONTROLS

Apple App

Google Play

CONTROLS TECH SUPPORT 800-888-8006 (7:00 AM - 7:00 PM)

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98
50°C	122°F	0.97

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

PROJECTED LUMEN MAINTENANCE

	OPERATING HOURS		
Ambient Temp.	0	25,000	TM-21-22 60,000
25°C / 77°F	1.00	0.91	0.83
40°C / 104°F	0.99	0.90	0.82

Lumen maintenance values calculated per TM-21 using six times the LM-80 test time for the LED and in-situ thermal testing of the luminaire.

MULTIPLIER

Micro Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	–	0.841	–
3000K	0.977	0.861	0.647
3500K	–	0.900	–
4000K	1	0.926	0.699
5000K	1	0.937	0.791
Monochromatic Amber Multiplier			
Amber	0.710		

Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	0.9	0.81	0.62
3000K	0.933	0.853	0.659
3500K	0.959	0.894	0.711
4000K	1	0.9	0.732
5000K	1	0.9	0.732
Monochromatic Amber Multiplier			
Amber	See Amber Spec Sheet		

PERFORMANCE DATA: MICROSTRIKE

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW1	24L	10	6.6	2	1068	141	0	0	0	1068	141	0	0	0	989	131	0	0	0
				3	1076	142	0	0	1	1076	142	0	0	1	997	131	0	0	1
				4F	1052	139	0	0	1	1052	139	0	0	1	974	129	0	0	1
				4W	1041	137	0	0	1	1041	137	0	0	1	964	127	0	0	1
		15	14	2	1993	129	1	0	0	1993	129	1	0	0	1845	119	1	0	0
				3	2008	130	1	0	1	2008	130	1	0	1	1859	120	0	0	1
				4F	1964	127	0	0	1	1964	127	0	0	1	1818	117	0	0	1
				4W	1943	125	1	0	1	1943	125	1	0	1	1799	116	0	0	1
		25	23.0	2	3055	125	1	0	1	3055	125	1	0	1	2828	116	1	0	1
				3	3078	126	1	0	1	3078	126	1	0	1	2850	117	1	0	1
				4F	3010	123	1	0	1	3010	123	1	0	1	2787	114	1	0	1
				4W	2978	122	1	0	1	2978	122	1	0	1	2757	113	1	0	1

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DATE: LOCATION:

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VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

PERFORMANCE DATA: MICROSTRIKE CONT'D

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW2	48L	15	13.1	2	2139	145	1	0	1	2139	145	1	0	1	1981	134	1	0	1
				3	2163	146	1	0	1	2163	146	1	0	1	2003	135	1	0	1
				4F	2097	143	0	0	1	2097	143	0	0	1	1942	132	0	0	1
				4W	2101	143	1	0	1	2101	143	1	0	1	1946	132	0	0	1
		20	20.5	2	2973	141	1	0	1	2973	141	1	0	1	2753	130	1	0	1
				3	3007	142	1	0	1	3007	142	1	0	1	2784	132	1	0	1
				4F	2915	138	1	0	1	2915	138	1	0	1	2699	128	1	0	1
				4W	2921	138	1	0	1	2921	138	1	0	1	2705	128	1	0	1
		30	28.8	2	4000	137	1	0	1	4000	137	1	0	1	3704	126	1	0	1
				3	4045	138	1	0	1	4045	138	1	0	1	3745	128	1	0	1
				4F	3922	134	1	0	1	3922	134	1	0	1	3631	124	1	0	1
				4W	3930	134	1	0	2	3930	134	1	0	2	3638	124	1	0	1
		35	37.3	2	4997	134	1	0	1	4997	134	1	0	1	4627	124	1	0	1
				3	5053	135	1	0	2	5053	135	1	0	2	4679	125	1	0	1
				4F	4899	131	1	0	1	4899	131	1	0	1	4536	122	1	0	1
				4W	4909	132	1	0	2	4909	132	1	0	2	4545	122	1	0	2
		45	45.9	2	5990	127	1	0	1	5990	127	1	0	1	5546	118	1	0	1
				3	6057	128	1	0	2	6057	128	1	0	2	5608	119	1	0	2
				4F	5872	124	1	0	2	5872	124	1	0	2	5437	115	1	0	1
				4W	5884	125	1	0	2	5884	125	1	0	2	5448	115	1	0	2
	80L	20	19.4	2	3485	161	1	0	1	3485	161	1	0	1	3200	147	1	0	1
				3	3516	162	1	0	1	3516	162	1	0	1	3229	149	1	0	1
				4F	3485	161	1	0	1	3485	161	1	0	1	3200	147	1	0	1
				4W	3535	163	1	0	1	3535	163	1	0	1	3246	150	1	0	1
		25	26.7	2	4443	154	1	0	1	4443	154	1	0	1	4080	141	1	0	1
				3	4483	155	1	0	1	4483	155	1	0	1	4117	142	1	0	1
				4F	4443	154	1	0	1	4443	154	1	0	1	4080	141	1	0	1
				4W	4507	156	1	0	1	4507	156	1	0	1	4139	143	1	0	1
		35	34.2	2	5438	147	1	0	1	5438	147	1	0	1	4994	135	1	0	1
				3	5488	148	1	0	1	5488	148	1	0	1	5039	136	1	0	1
				4F	5438	147	1	0	1	5438	147	1	0	1	4994	135	1	0	1
				4W	5516	149	1	0	2	5516	149	1	0	2	5066	137	1	0	1
		45	41.7	2	6369	145	1	0	1	6369	145	1	0	1	5848	133	1	0	1
				3	6427	146	2	0	2	6427	146	2	0	2	5901	134	1	0	1
				4F	6369	145	1	0	1	6369	145	1	0	1	5848	133	1	0	1
				4W	6460	147	1	0	2	6460	147	1	0	2	5933	135	1	0	2
		55	50.6	2	7209	137	2	0	2	7209	137	2	0	2	6620	126	1	0	1
				3	7275	139	2	0	2	7275	139	2	0	2	6680	127	2	0	2
				4F	7209	137	1	0	1	7209	137	1	0	1	6620	126	1	0	1
				4W	7313	139	1	0	2	7313	139	1	0	2	6715	128	1	0	2
		65	58.3	2	7781	130	2	0	2	7781	130	2	0	2	7145	119	2	0	2
				3	7852	131	2	0	2	7852	131	2	0	2	7210	120	2	0	2
				4F	7781	130	2	0	1	7781	130	2	0	1	7145	119	1	0	1
				4W	7893	132	1	0	2	7893	132	1	0	2	7248	121	1	0	2
		70	63.5	2	8367	128	2	0	2	8367	128	2	0	2	7683	117	2	0	2
				3	8443	129	2	0	2	8443	129	2	0	2	7753	119	2	0	2
				4F	8367	128	2	0	1	8367	128	2	0	1	7683	117	2	0	1
				4W	8487	130	1	0	2	8487	130	1	0	2	7794	119	1	0	2

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

PERFORMANCE DATA: MICROSTRIKE CONT'D

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW3	160L	45	46.2	2	7623	148	1	0	2	7623	148	1	0	2	7000	136	1	0	1
				3	7626	148	2	0	2	7626	148	2	0	2	7003	136	2	0	2
				4F	7590	147	2	0	1	7590	147	2	0	1	6970	135	1	0	1
				4W	7715	150	1	0	2	7715	150	1	0	2	7084	138	1	0	2
		70	68.3	2	10322	139	2	0	2	10322	139	2	0	2	9478	128	2	0	2
				3	10326	140	2	0	2	10326	140	2	0	2	9482	128	2	0	2
				4F	10277	139	2	0	2	10277	139	2	0	2	9437	128	2	0	2
				4W	10446	141	2	0	2	10446	141	2	0	2	9592	130	1	0	2
		95	91	2	12929	132	2	0	2	12929	132	2	0	2	11872	121	2	0	2
				3	12934	132	3	0	3	12934	132	3	0	3	11877	121	3	0	3
				4F	12873	131	2	0	2	12873	131	2	0	2	11821	120	2	0	2
				4W	13084	133	2	0	3	13084	133	2	0	3	12015	122	2	0	3
		105	106.3	2	15055	138	2	0	2	15055	138	2	0	2	13825	127	2	0	2
				3	15062	138	3	0	3	15062	138	3	0	3	13831	127	3	0	3
				4F	14991	138	2	0	2	14991	138	2	0	2	13766	127	2	0	2
				4W	15236	140	2	0	3	15236	140	2	0	3	13991	129	2	0	3
		135	134.8	2	17533	127	3	0	3	17533	127	3	0	3	16100	116	3	0	3
				3	17541	127	3	0	3	17541	127	3	0	3	16107	116	3	0	3
				4F	17457	126	2	0	2	17457	126	2	0	2	16031	116	2	0	2
				4W	17744	128	2	0	4	17744	128	2	0	4	16294	118	2	0	3
		155	158.3	2	20066	123	3	0	3	20066	123	3	0	3	18426	113	3	0	3
				3	20075	123	3	0	3	20075	123	3	0	3	18434	113	3	0	3
				4F	19980	123	3	0	3	19980	123	3	0	3	18347	113	2	0	2
				4W	20307	125	2	0	4	20307	125	2	0	4	18648	115	2	0	4

PERFORMANCE DATA: STRIKE

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW2	18L	25	22.6	2	3314	147	1	0	1	3298	146	1	0	G1	3171	140	1	0	1
				3	3356	148	1	0	1	3340	148	1	0	G1	3212	142	1	0	1
				4F	3367	149	0	0	1	3351	148	0	0	G1	3222	143	0	0	1
				4W	3361	149	1	0	2	3345	148	1	0	G2	3216	142	1	0	2
		30	31.3	2	4124	132	1	0	1	4104	131	1	0	G1	3946	126	1	0	1
				3	4176	133	1	0	2	4156	133	1	0	G2	3996	128	1	0	1
				4F	4189	134	1	0	1	4169	133	1	0	G1	4009	128	1	0	1
				4W	4182	134	1	0	2	4162	133	1	0	G2	4002	128	1	0	2
		39	38.8	2	4894	126	1	0	1	4870	126	1	0	G1	4683	121	1	0	1
				3	4956	128	1	0	2	4932	127	1	0	G2	4742	122	1	0	2
				4F	4972	128	1	0	2	4948	128	1	0	G2	4758	123	1	0	2
				4W	4963	128	1	0	2	4939	127	1	0	G2	4749	122	1	0	2
		50	52.6	2	6325	120	1	0	1	6295	120	1	0	G1	6052	115	1	0	1
				3	6405	122	1	0	2	6374	121	1	0	G2	6129	117	1	0	2
				4F	6426	122	1	0	2	6395	122	1	0	G2	6149	117	1	0	2
				4W	6414	122	1	0	3	6384	121	1	0	G3	6138	117	1	0	3
		60	60.4	2	6865	114	1	0	2	6832	113	1	0	G2	6569	109	1	0	2
				3	6952	115	1	0	2	6919	115	1	0	G2	6652	110	1	0	2
				4F	6974	115	1	0	2	6941	115	1	0	G2	6674	110	1	0	2
				4W	6962	115	1	0	3	6929	115	1	0	G3	6662	110	1	0	3

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PERFORMANCE DATA: STRIKE CONT'D

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW3	36L	55	63.1	2	7284	135	1	0	2	7249	134	1	0	G2	6970	129	1	0	2
				3	7376	137	1	0	2	7341	136	1	0	G2	7058	131	1	0	2
				4F	7400	137	1	0	2	7364	137	1	0	G2	7081	131	1	0	2
				4W	7387	137	1	0	3	7351	136	1	0	G3	7069	131	1	0	3
		80	77.6	2	9788	126	2	0	2	9741	126	2	0	G2	9366	121	2	0	2
				3	9912	128	1	0	3	9864	127	1	0	G3	9485	122	1	0	3
				4F	9944	128	1	0	2	9896	128	1	0	G2	9516	123	1	0	2
				4W	9926	128	1	0	3	9879	127	1	0	G3	9499	122	1	0	3
		105	108.2	2	12650	128	2	0	2	12589	127	2	0	G2	12105	122	2	0	2
				3	12810	130	2	0	3	12748	129	2	0	G3	12258	124	2	0	3
				4F	12851	130	1	0	3	12790	129	1	0	G3	12298	124	1	0	3
				4W	12829	130	2	0	3	12767	129	2	0	G3	12276	124	2	0	3
		120	120.9	2	13730	114	2	0	2	13664	113	2	0	G2	13138	109	2	0	2
				3	13904	115	2	0	3	13837	114	2	0	G3	13305	110	2	0	3
				4F	13949	115	1	0	3	13882	115	1	0	G3	13348	110	1	0	3
				4W	13924	115	2	0	4	13857	115	2	0	G4	13324	110	2	0	3

ELECTRICAL DATA: STRIKE

# OF LEDS	18L				
NOMINAL WATTAGE	25	30	39	50	60
SYSTEM POWER (W)	22.6	31.3	38.8	52.6	60.4
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.21	0.26	0.32	0.44	0.50
208	0.12	0.15	0.19	0.25	0.29
240	0.10	0.13	0.16	0.22	0.25
277	0.09	0.11	0.14	0.19	0.22
347	0.07	0.09	0.11	0.15	0.17
480	0.05	0.07	0.08	0.11	0.13

# OF LEDS	36L			
NOMINAL WATTAGE	55	80	100	120
SYSTEM POWER (W)	53.9	77.6	98.9	120.9
INPUT VOLTAGE (V)	CURRENT (Amps)			
120	0.45	0.65	0.82	1.01
208	0.26	0.37	0.48	0.58
240	0.22	0.32	0.41	0.50
277	0.19	0.28	0.36	0.44
347	0.16	0.22	0.29	0.35
480	0.11	0.16	0.21	0.25

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CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ELECTRICAL DATA: MICROSTRIKE

# OF LEDS	24L		
NOMINAL WATTAGE	10	15	25
SYSTEM POWER (W)	6.6	14.0	23.0
INPUT VOLTAGE (V)	CURRENT (Amps)		
120	0.06	0.12	0.19
208	0.03	0.07	0.11
240	0.03	0.06	0.10
277	0.02	0.05	0.08
347	0.02	0.04	0.07
480	0.01	0.03	0.05

# OF LEDS	48L				
NOMINAL WATTAGE	15	20	30	35	45
SYSTEM POWER (W)	13.1	20.5	28.8	37.3	45.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.11	0.17	0.24	0.31	0.38
208	0.06	0.10	0.14	0.18	0.22
240	0.05	0.09	0.12	0.16	0.19
277	0.05	0.07	0.10	0.13	0.17
347	0.04	0.06	0.08	0.11	0.13
480	0.03	0.04	0.06	0.08	0.10

# OF LEDS	80L						
NOMINAL WATTAGE	20	25	35	45	55	65	70
SYSTEM POWER (W)	19.4	26.7	34.2	41.7	50.6	58.3	63.5
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	0.16	0.22	0.29	0.35	0.42	0.49	0.53
208	0.10	0.13	0.18	0.22	0.27	0.28	0.31
240	0.08	0.12	0.15	0.19	0.24	0.24	0.26
277	0.07	0.10	0.13	0.17	0.21	0.21	0.23
347	0.06	0.08	0.11	0.13	0.16	0.17	0.18
480	0.04	0.06	0.08	0.10	0.12	0.12	0.13

# OF LEDS	160L					
NOMINAL WATTAGE	45	70	95	105	135	155
SYSTEM POWER (W)	46.2	68.3	91	106.3	134.8	158.3
INPUT VOLTAGE (V)	CURRENT (Amps)					
120	0.39	0.57	0.76	0.89	1.12	1.32
208	0.22	0.33	0.44	0.51	0.65	0.76
240	0.19	0.28	0.38	0.44	0.56	0.66
277	0.17	0.25	0.33	0.38	0.49	0.57
347	0.13	0.20	0.26	0.31	0.39	0.46
480	0.10	0.14	0.19	0.22	0.28	0.33

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VIPER Wall

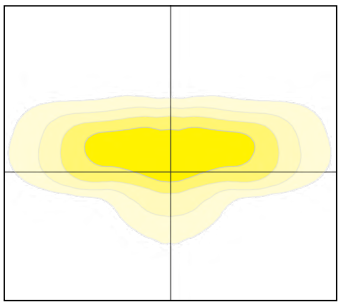
VPW1/VPW2/VPW3 LED WALLPACK

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

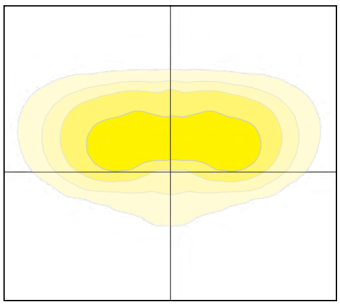
PHOTOMETRY

Mounting Height: 10ft

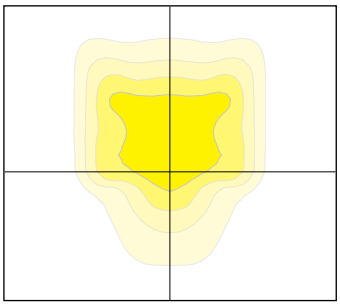
Type 2



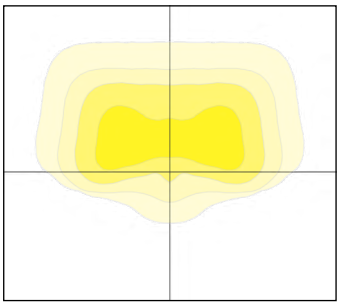
Type 3



Type 4F

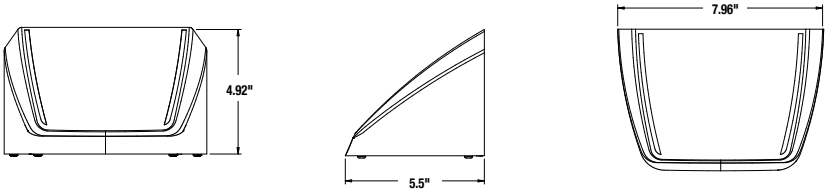


Type 4W

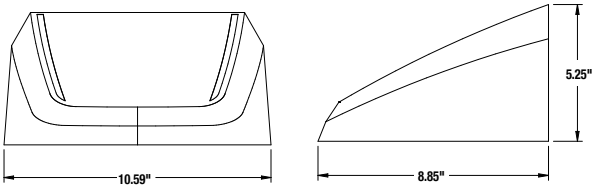


DIMENSIONS

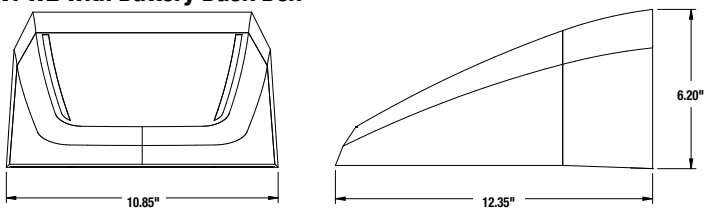
VPW1



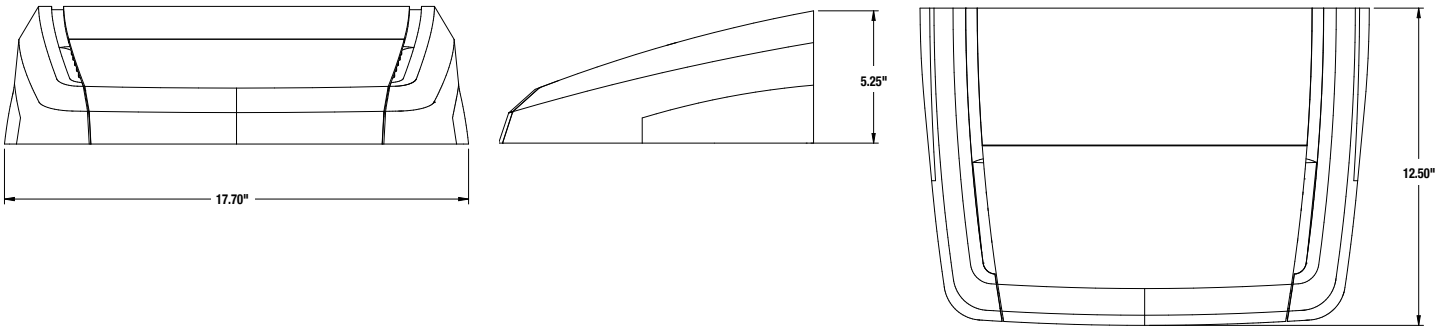
VPW2



VPW2 with Battery Back Box



VPW3



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VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

DATE: LOCATION:

TYPE: PROJECT:

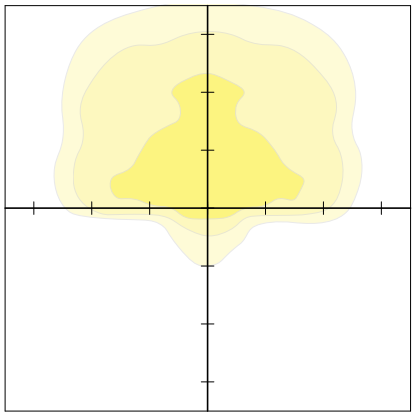
CATALOG #:

BATTERY OPTIONS & HOUSING SIZES

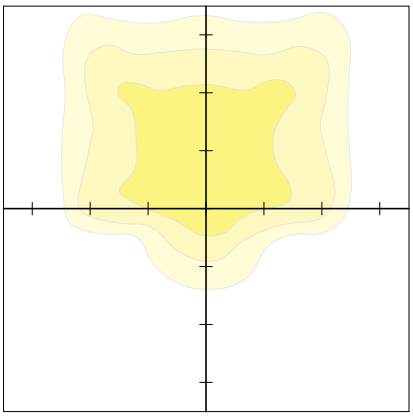
				Battery (E)		Battery with Heater (EH)	
Size	**Optics**	**# LEDs**	**Fixture Wattage**	**E (10W)**	**Housing**	**EH (13W)**	**Housing**
VPW1	Micro Strike	24L	10W	N/A	Not Available	N/A	Not Available
			15W				
			25W				
VPW2	Micro Strike	48L	15W	Y	Standard Housing	Y	Includes Integrated Back Box
			20W	Y	Standard Housing	Y	Includes Integrated Back Box
			30W	N/A	Not Available	Y	Includes Integrated Back Box
			35W	N/A	Not Available	Y	Includes Integrated Back Box
			45W	N/A	Not Available	Y	Includes Integrated Back Box
		80L	20W	N/A	Not Available	Y	Includes Integrated Back Box
			25W			Y	Includes Integrated Back Box
			35W			Y	Includes Integrated Back Box
			45W			Y	Includes Integrated Back Box
			55W			Y	Includes Integrated Back Box
			65W			Y	Includes Integrated Back Box
			70W			Y	Includes Integrated Back Box
	Strike	18L	25W	N/A	Not Available	Y	Includes Integrated Back Box
			30W			Y	Includes Integrated Back Box
			39W			Y	Includes Integrated Back Box
			50W			Y	Includes Integrated Back Box
			60W			Y	Includes Integrated Back Box
VPW3	Micro Strike	160L	45W	N/A	Not Available	Yes	Standard Housing
			70W			Yes	Standard Housing
			95W			Yes	Standard Housing
			105W			N/A	Not Available
			135W			N/A	Not Available
			155W			N/A	Not Available
	Strike	36L	55W	N/A	Not Available	Yes	Standard Housing
			80W			Yes	Standard Housing
			100W			Yes	Standard Housing
			120W			N/A	Not Available

PHOTOMETRY - BATTERY

18L BATTERY PHOTOMETRY



80L BATTERY PHOTOMETRY



Mounting Height: 12ft
Scale: 10ft

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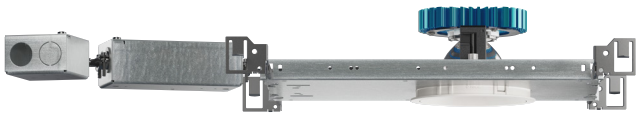
alphabet

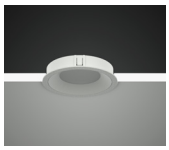
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

NU4 LOPRO

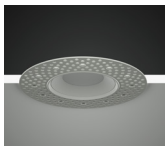
4" Round Downlight Standard White

NSF · AT airtight · DF dead-front · PR plenum rated · wet rated





Trim



Trimless

Trimless Millwork

20° - 65° BEAM (Note: Specifications are subject to change without notice)		
14mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	990LM @30K/80CRI	9W
15LM	1485LM @30K/80CRI	12W
20LM	2095LM @30K/80CRI	17W
25LM	2540LM @30K/80CRI	21W
30LM	3090LM @30K/80CRI	26W
10LM	840LM @30K/90/CRI	9W
15LM	1260LM @30K/90/CRI	12W
20LM	1780LM @30K/90/CRI	17W
25LM	2160LM @30K/90/CRI	21W
30LM	2620LM @30K/90/CRI	26W
Notes	Delivered lumens based on WH70 optic with no lens, (see page 2)	

8 - 12° BEAM (Note: Specifications are subject to change without notice)		
6mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	990LM @30K/80CRI	10W
15LM	1460LM @30K/80CRI	15W
10LM	840LM @30K/90CRI	10W
15LM	1240LM @30K/90CRI	15W
Notes	Delivered lumens based on S10 optic with no lens, (see page 2)	

FEATURES
- 3/4" bezel regress with 1/16" micro flange
- 8° - 65° optical beam control
- UGR < 19
- 110 LPW average
- Glare control, specialty optics, trim options, and custom finishes available
- Microban® antimicrobial finish available on all exposed painted surfaces

DIMMING AND CONTROLS
- 0-10V dimming to 1%
- Leading & trailing edge (Triac / ELV) dimming to 1%

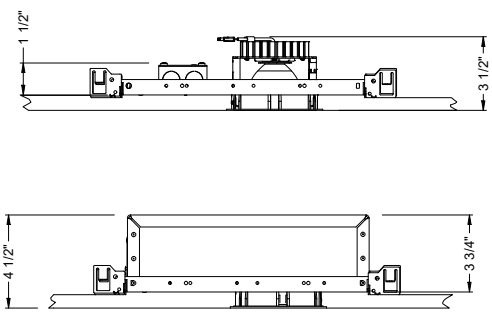
CONSTRUCTION
- Lexan™ (PC) highly resistant to impact and heat (240°F)
- Optimal material for wireless signal connectivity
- Shatter proof acrylic bezel lens
- Electrocoated 16-gauge cold-rolled steel construction
- Accommodates ceiling thickness from 1/8" to 1-5/8"

LED
- 90 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L_{70} > 66,000 hrs
- 80 CRI: SDCM = 3-step MacAdam Ellipse, Lumen Maintenance: L_{70} > 66,000 hrs

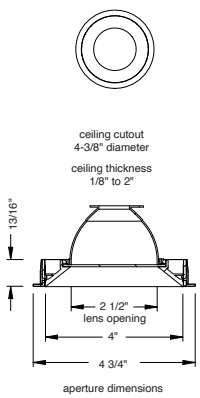
LISTING
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations with lens - Suitable for damp locations without lens
- Non-conductive, dead-front construction (shower approved)
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- **Declare.** - LBC Red List Approved
- 5 Year Limited warranty

ELECTRICAL
- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Remote emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C)

FIXTURE HEIGHT

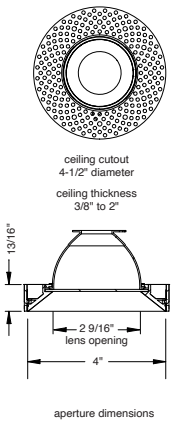


TRIMMED



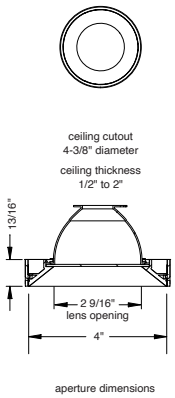
aperture dimensions

TRIMLESS



aperture dimensions

MILLWORK



aperture dimensions

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

8°- 65° BEAM ORDERING CODE

SERIES	**NU4**	NU4
TYPE	**RDLP**	round downlight lopro
	RDTLP	round downlight trimless lopro
	RDTMWLP	round downlight trimless millwork lopro
LED	**SW**	standard white
DELIVERED LUMENS	**10LM**	990 lm
	15LM	1485 lm
	20LM	2095 lm
	25LM	2540 lm
	30LM	3090 lm
	Standard Configuration: 3000K 80CRI WH70 **Calculated Delivered Lumens =** [Delivered Lumen Value] x [CCT Multiplier] x [Reflector Multiplier]	
CCT	**27K**	2700K
	30K	3000K
	35K	3500K
	40K	4000K

CCT	2700K		3000K		3500K		4000K	
CRI	80+	90+	80+	90+	80+	90+	80+	90+
CCT MULTIPLIER FOR LUMEN OUTPUT	0.96	0.81	1.00	0.85	1.03	0.88	1.06	0.91

CRI	**80**	80 CRI	
	90	90 CRI	
OPTIC & LM MULTIPLIER SEE PAGE 5, 6	**8D**[1]	8 degrees	(1.00)
	12D[1]	12 degrees	(1.00)
	20D	20 degrees	(0.99)
	25D	25 degrees	(1.00)
	35D	35 degrees	(0.99)
	50D	50 degrees	(0.99)
	65D	65 degrees	(0.99)
BEZEL LENS SEE PAGE 3, 4	**NL**[2]	no lens	(1.00)
	CL	clear lens	(0.98)
	DL	diffused lens	(0.91)
	E[3]	elliptical beam spread	(0.92)
	HCL[4]	honeycomb louver	(0.85)
	HET	high efficiency textured lens, similar to Solite™	(0.92)
	SBL	smoothing beam lens	(0.92)
	Color lenses (amber, blue, green, red) see page 4.		
TRIM COLOR SEE PAGE 3, 4	**BK**	black	
	WH	white	
	MC	matte chrome	
	BZ	bronze	
	WT	wheat	
	CC[5]	custom color, consult factory for details	
	Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM.		
	Not applicable to trimless option. Do not include in trimless ordering code.		
BEZEL COLOR SEE PAGE 3, 4	**BK**	black	(0.98)
	WH	white	(1.00)
	MC	matte chrome	(0.99)
	BZ	bronze	(0.98)
	WT	wheat	(0.99)
	CC[5]	custom color, consult factory for details	
	Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM.		

8°- 65° BEAM ORDERING CODE

MOUNTING OPTIONS SEE PAGE 2, 8	**NC**	new construction with ceiling fitting plate
	IC[6]	insulation contact housing
	RET	retrofit, no ceiling fitting plate
VOLTAGE	**120**	120V
	UNV	120V-277V
DIMMING	**ELV1**[7]	leading & trailing edge (Triac/ELV) dimming to 1%
	DIM10	0-10V dimming to 1%
ELECTRICAL OPTIONS	**EM7**	emergency battery backup, 90 minutes at 7W to LED
	EM12	emergency battery backup, 90 minutes at 12W to LED
	EM10CA20	remote emergency battery backup, 90 minutes at 10W to LED, CA title 20

ADDITIONAL MOUNTING INFO

New Construction Bar Hangers (included)	Mounting Length: 14-3/4" to 26"
Extension Kit p/n: K20266 (ordered separately, 1 per fixture)	*Extends a pair of Bar Hangers* Total Mounting Length: 29" to 48"

YOUR COMPLETED ORDERING CODE

Follow the steps to specify your fixture, example:

NU4 - RDLP - SW - 20LM - 35K - 90 - 25D - NL - WH - WH - NC - UNV - DIM10 - EM7

NOTES

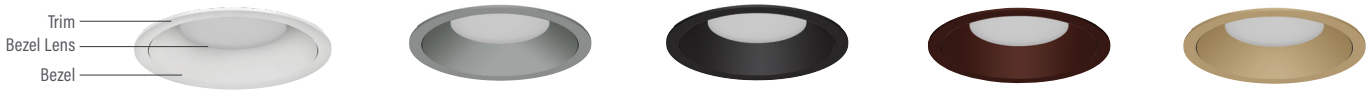
1. 8D/12D available in 10LM/15LM.
2. NL option does not meet requirements for AT/DF/WET/NSF listings. Lensing cannot be added in the field.
3. Elliptical lens not available with 8D/12D optic options. Actual beam distributions [20D= 35° x 60° , 25D= 40° x 65° , 35D= 45° x 70° , 55D= 55° x 80°]
4. HCL not available with lens.
5. Custom set up fee plus minimum quantity required per color.
6. IC not available in 30LM.
7. ELV1 (120V) not available in 10LM.

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

TRIM OPTIONS

TRIM/BEZEL COLORS



WH MC BK BZ WT

OPTICAL OPTIONS

- UGR calculation based on CIE 117-1995; room size: 4H X 8H, reflectance: 70/50/20;
- UGR calculation based on 15LM fixtures, unless otherwise noted.

REFLECTOR OPTIC ACCESSORY
Honeycomb Louver

OPTIC	BEAM ANGLE	UGR
8D	7.8	10.9
12D	11.3	23.5
20D	17.4	12.5
25D	22.2	13.9
35D	32.4	16.5
50D	44.9	13.4
65D	52	15.5

NL
No Lens

OPTIC	BEAM ANGLE	UGR
8D	7.8	14.2
12D	11.9	13.8
20D	18	13.6
25D	22.8	13.1
35D	36.2	14.5
50D	49.2	18.3
65D	64.5	18.8

CL
Clear Lens

OPTIC	BEAM ANGLE	UGR
8D	7.9	13.7
12D	12.1	13.3
20D	18	13.3
25D	22.8	12.8
35D	36.2	14.2
50D	49.2	18.1
65D	64.6	18.5

DL
Diffused Lens

OPTIC	BEAM ANGLE	UGR
20D	39.4	19.5
25D	42.4	19.8
35D	50.6	20.8
50D	56.7	21.4
65D	66.7	23.3

HET
High Efficiency Textured Lens

OPTIC	BEAM ANGLE	UGR
20D	22.5	13.8
25D	27	14
35D	38.8	15.8
50D	49.8	16.5
65D	60.4	19.5

SBL
Smoothing Beam Lens

OPTIC	BEAM ANGLE	UGR
8D	10.2	12.8
12D	13.2	12.9
20D	19.3	13
25D	24.3	13.1
35D	37.2	14.8
50D	51.2	15.6
65D	62.2	18.8

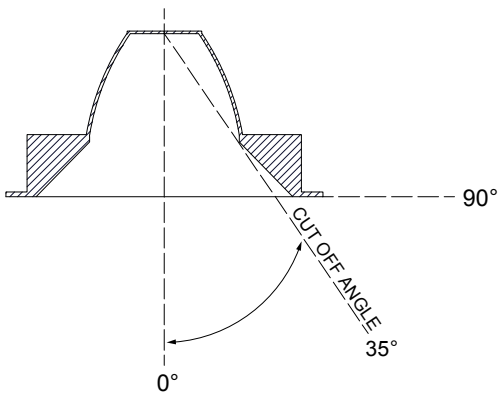
GLARE CONTROL

CUT-OFF ANGLE

Visual comfort is achieved with a lower cut-off angle due to improved glare control. The smaller the cut-off angle, the easier it is on the eye.

Alphabet downlights have been thoughtfully engineered to eliminate glare while still delivering functional illumination.

- Cutoff angle of CL is 35 degrees;

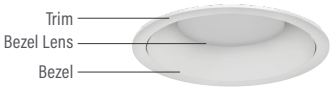


alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

TRIM OPTIONS

TRIM/BEZEL COLORS



WH

MC

BK

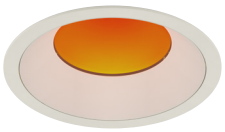
BZ

WT

OPTICAL OPTIONS

- UGR calculation based on CIE 117-1995; room size: 4H X 8H, reflectance: 70/50/20;
- UGR calculation based on 15LM fixtures, unless otherwise noted.

AMBER



OPTIC	MULTIPLIER	BEAM SPREAD
20D	0.485	18°
25D	0.484	22°
35D	0.485	35°
50D	0.48	50°
65D	0.473	60°

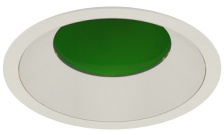
AVERAGE LUMENS: 2000LM 1880 CCT

RED

OPTIC	MULTIPLIER	BEAM SPREAD
20D	0.04	18°
25D	0.04	22°
35D	0.04	35°
50D	0.04	50°
65D	0.038	60°

AVERAGE LUMENS: 168LM

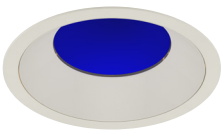
GREEN



OPTIC	MULTIPLIER	BEAM SPREAD
20D	0.202	18°
25D	0.202	22°
35D	0.204	35°
50D	0.2	50°
65D	0.196	60°

AVERAGE LUMENS: 850LM

BLUE



OPTIC	MULTIPLIER	BEAM SPREAD
20D	0.051	18°
25D	0.051	22°
35D	0.053	35°
50D	0.05	50°
65D	0.049	60°

AVERAGE LUMENS: 210LM

Add AM / BL / GR / RD to bezel lens ordering code section.
Example: NU4 - RD - SW - 10LM - 30K - 80 - 35D - **BL** - WH - WH - NC - UNV - DIM

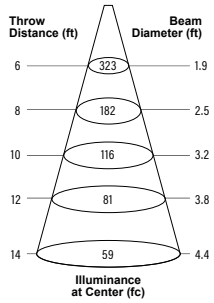
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA

20LM CCT MULTIPLIERS		
	80CRI	90CRI
2700K	0.96	0.81
3000K	1	0.85
3500K	1.03	0.88
4000K	1.06	0.91
FC Formula = CBCP / Distance^2		

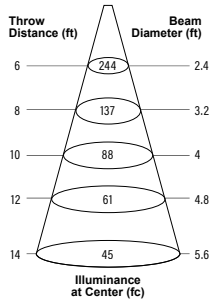
20D 18° NO LENS



WATTS: 17.2	LPW: 121.4
LUMENS: 2088	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	11622
5	10517
15	2170
25	862
35	401
45	3

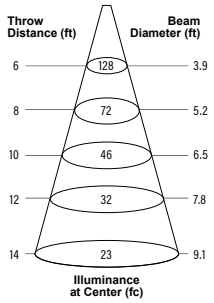
25D 23° NO LENS



WATTS: 17.2	LPW: 122.1
LUMENS: 2099	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	8779
5	7589
15	2759
25	940
35	372
45	2

35D 36° NO LENS

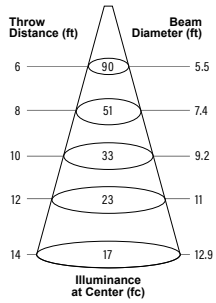


WATTS: 17.2	LPW: 120.6
LUMENS: 2074	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	4594
5	4283
15	2845
25	1317
35	435
45	10

20LM CCT MULTIPLIERS		
	80CRI	90CRI
2700K	0.96	0.81
3000K	1	0.85
3500K	1.03	0.88
4000K	1.06	0.91
FC Formula = CBCP / Distance^2		

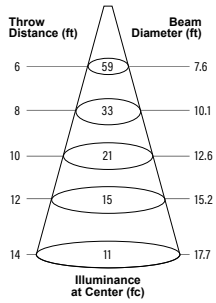
50D 49° NO LENS



WATTS: 17.2	LPW: 121.2
LUMENS: 2085	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	3253
5	3231
15	2606
25	1591
35	450
45	13

65D 65° NO LENS



WATTS: 17.2	LPW: 120.9
LUMENS: 2080	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	2103
5	2101
15	1990
25	1520
35	779
45	144

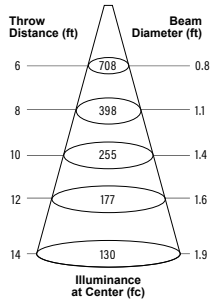
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA

10LM CCT MULTIPLIERS		
	80CRI	90CRI
2700K	0.96	0.81
3000K	1	0.85
3500K	1.03	0.88
4000K	1.06	0.91
FC Formula = CBCP / Distance^2		

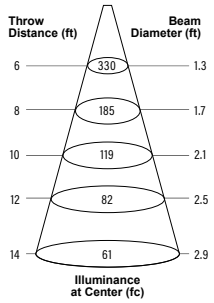
8D
7.8° NO LENS



WATTS: 10.2	LPW: 97.9
LUMENS: 998	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	25483
5	8161
15	463
25	362
35	215
45	0.5

12D
12° NO LENS



WATTS: 8.7	LPW: 115
LUMENS: 1001	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	11863
5	7515
15	660
25	371
35	192
45	0.3

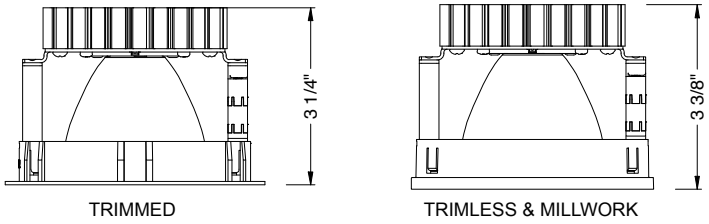
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS

FIXTURE HEIGHT

10M - 30LM CONFIGURATION

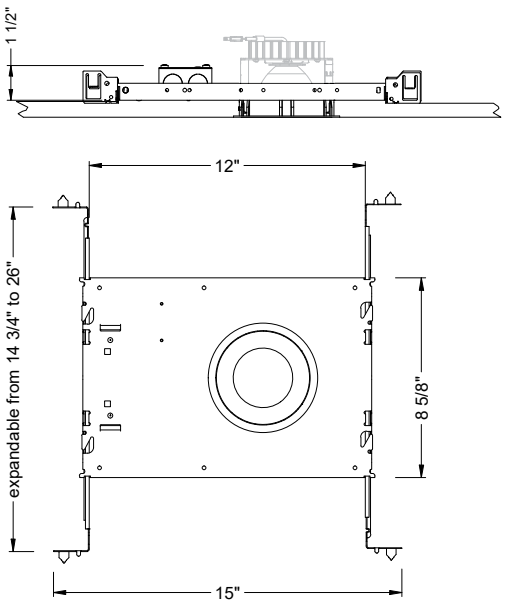


TRIMMED

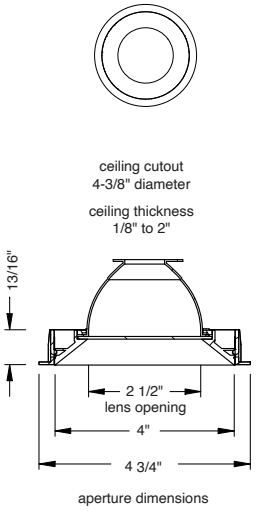
TRIMLESS & MILLWORK

NC - NEW CONSTRUCTION

TRIM

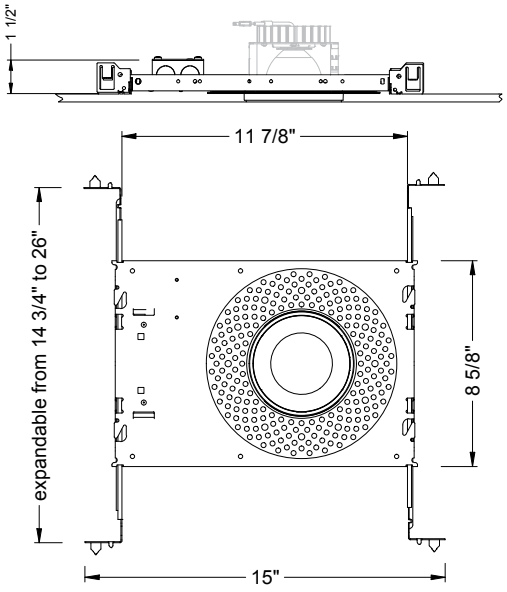


TRIM

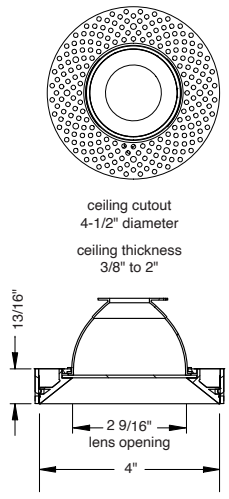


aperture dimensions

TRIMLESS

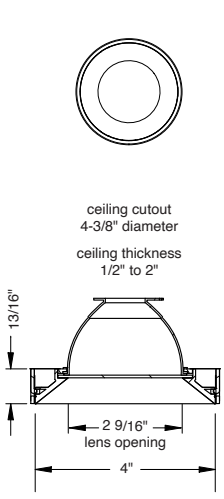


TRIMLESS



aperture dimensions

TRIMLESS/MILLWORK



aperture dimensions

100878

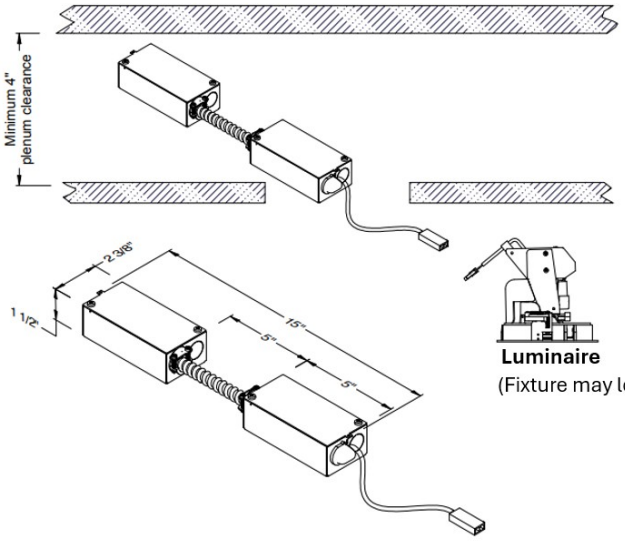
In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product.

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS (CONTINUED)

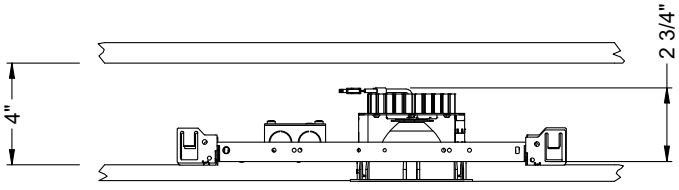
RET - RETRO
TRIM/TRIMLESS

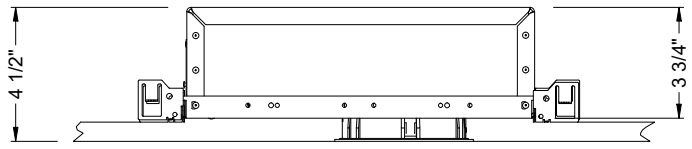


Luminaire
(Fixture may look different)

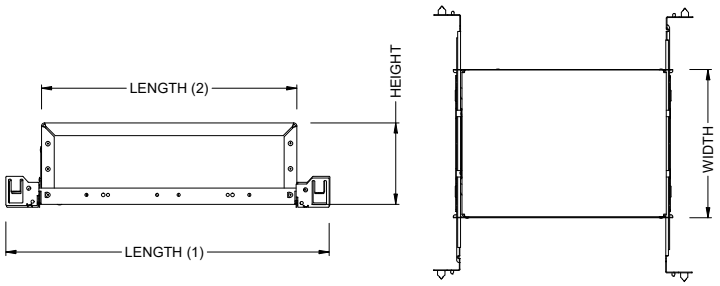
RATINGS / CERTIFICATIONS	NC	RET	IC
TYPE NON-IC	✔	✔	
TYPE IC			✔
CHICAGO PLENUM (CCEA)			
SUITABLE FOR AIR HANDLING PLENUMS	✔	✔	✔
REDUCED AIRFLOW (WITH LENS) ASTM E283	✔	✔	✔

CEILING THICKNESS	
FIXTURE TYPE	MOUNTING TYPE
	NC, IC, RET
	STANDARD CEILING THICKNESS
TRIM	1/8" to 2"
TRIMLESS	3/8" to 2"
MILLWORK (TRIMLESS)	1/2" to 2"





IC - INSULATION CONTACT HOUSING



BOX SIZE	L 1	L 2	W	H
A	15 - 7/16"	11 - 3/4"	8 - 1/2"	3 - 3/4"

BOX TYPE / LUMEN OUTPUT - NARROW BEAM (8° - 12°)	
LUMEN OUTPUT	IC
10LM	✔
15LM	✔

BOX TYPE / LUMEN OUTPUT - STANDARD BEAMS (20° - 65°)	
LUMEN OUTPUT	IC
10LM	✔
15LM	✔
20LM	✔
25LM	✔
30LM	

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

BATTERY OPTIONS

EMERGENCY BATTERY

IOTA's ILB Battery Backups are UL Listed LED emergency drivers that allow the same LED fixture to be used for both normal and emergency operation. In the event of a power failure, the ILB switches to the emergency mode and operates the existing fixture for 90 minutes. The unit contains a battery, charger, and converter circuit in a single can. The Constant Power design of the ILB maintains the output wattage to the LED array even as the system voltage diminishes. UL 924 Listed for U.S. and Canada. UL 1310 Certified, Output Class 2 Compliant. Includes single-piece TBTS test switch and charge indicator accessory kit. For use with switched and unswitched fixtures, and includes Two-wire universal AC input. Meets or exceeds all National Electric Code and Life Safety Code Emergency Lighting Requirements. Rated for use in Plenum, Damp Location, Recessed Type IC, and Enclosed and Gasketed Luminares.

REMOTE TEST SWITCH

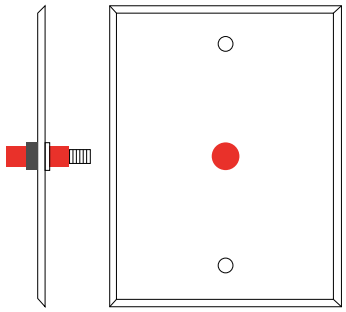
The Remote Test Switch may be mounted adjacent to the LED Fixture by others.

EMERGENCY BATTERY ACCESS

Above ceiling access is required for service. An access panel in the ceiling (or other form of access) adjacent to the installation location of the Emergency Battery is required.

REMOTE LOCATION

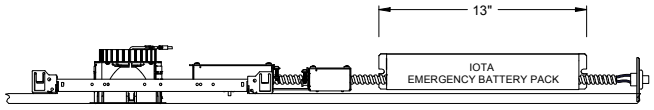
Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all Local and National Electric/ Building Codes.



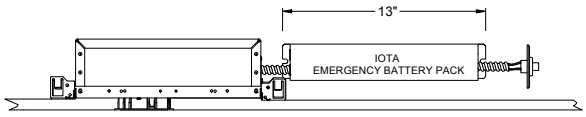
Remote Test Switch

EM MODE OUTPUT (DELIVERED LUMENS)			
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS (10LM TO 30LM)	700LM	1000LM	1200LM
Notes: Based on 30K, 80CRI			

NC - NEW CONSTRUCTION
WITH EM BATTERY (REMOTE TEST SWITCH)

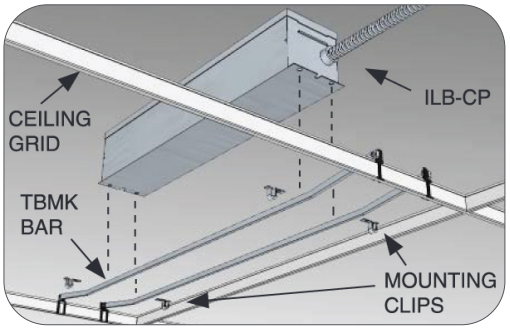


IC - INSULATION CONTACT HOUSING
WITH EM BATTERY (REMOTE TEST SWITCH)



Accessory

76066 Optional T-Grid Mounting Kit[2]



2. Can be used with any of the Emergency Battery Backups. Must be ordered as a separate line item.

In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product.

CITY OF ROCKWALL

PLANNING AND ZONING COMMISSION CASE MEMO

PLANNING AND ZONING DEPARTMENT
385 S. GOLIAD STREET • ROCKWALL, TX 75087
PHONE: (972) 771-7745 • EMAIL: PLANNING@ROCKWALL.COM

TO:	Planning and Zoning Commission
DATE:	June 9, 2026
APPLICANT:	Thong Thai; *B + A Architecture, LLC*
CASE NUMBER:	SP2026-015; *Site Plan for 2200 Ridge Road*

SUMMARY

Discuss and consider a request by Thong Thai of B + A Architecture, LLC on behalf of Kim Lien Thi Nguyen of Beauty Legacy, LLC for the approval of a *Site Plan* for a *Strip Retail Center* on a 0.976-acre parcel of land identified as Lot 8, Block A, Sky Ridge Addition, City of Rockwall, Rockwall County, Texas, zoned Commercial (C) District, situated within the Scenic Overlay (SOV) District, addressed as 2200 Ridge Road [*FM-740*], and take any action necessary.

BACKGROUND

The subject property was originally annexed into the City of Rockwall on November 7, 1960 by *Ordinance No. 60-04*. According to the City's historic zoning maps, the subject property was zoned Commercial (C) District as of January 3, 1972. On January 20, 2015, the City Council approved a miscellaneous case [*Case No. MIS2014-018*] to allow an *Alternative Tree Mitigation Plan* for an 8.60-acre tract of land that included the subject property. On August 7, 2017, the City Council approved a final plat case [*Case No. P2017-037*] for an 8.583-acre tract of land (*which included the subject property*) creating Lot 1, Block A, Sky Ridge Addition. On January 26, 2021, the Planning and Zoning Commission approved a miscellaneous case [*Case No. MIS2021-001*] to allow for a variable width landscape buffer with alternative tree planting requirements within the landscape buffer. Following this approval, the City Council approved a preliminary plat [*Case No. P2021-001*] proposing the creation of Lots 1-7, Block A, Sky Ridge Addition on March 1, 2021. On August 2, 2021, the City Council approved a replat [*Case No. P2021-038*] that established the subject property as Lot 8, Block A, Sky Ridge Addition.

On March 10, 2026, the Planning and Zoning Commission denied the applicant's previous site plan request [*Case No. SP2025-042*] without prejudice. The Planning and Zoning Commission indicated that the denial was due to the number of requested exceptions and variances.

PURPOSE

On May 15, 2026, the applicant -- *Thong Thai of B + A Architecture, LLC* -- submitted an application requesting the approval of a site plan for the purpose of constructing a *~7,868 SF* multi-tenant retail building on the subject property.

ADJACENT LAND USES AND ACCESS

The subject property is generally located west of the intersection of Ridge Road [*FM-740*] and W. Yellow Jacket Lane. The land uses adjacent to the subject property are as follows:

North: Directly north of the subject property is a 1.868-acre parcel of land (*i.e. Lot 6, Block A, Sky Ridge Addition*), which is zoned Commercial (C) District. Beyond this is a 3.853-acre parcel of land (*i.e. Lot 7, Block A, Sky Ridge Addition*), which is zoned Commercial (C) District. Beyond this is a 100-foot right-of-way owned by the *Union Pacific/Dallas Garland NE Railroad*. Beyond this is Phase 2 of the Turtle Cove Subdivision, which consists of 55 single-family residential lots that were established on February 17, 1998. This subdivision is zoned Planned Development District 2 (PD-2) for single-family residential land uses.

South: Directly south of the subject property is Ridge Road [*FM 740*], which is identified as a M4D (*i.e. major collector, four [4] lane, divided roadway*) on the City's Master Thoroughfare Plan contained in the OURHometown Vision 2040 Comprehensive Plan. Beyond this is are two (2) vacant parcels of land (*i.e. part of Lot 1 & Lot 3, Block A, The Woods at Rockwall Addition*). Following this is a 0.2755-acre parcel of land (*i.e. Lot 3, Block A, Rockwall High School Addition*) developed with a *Minor Auto Repair Garage* (*i.e. Big D Auto Care*). All of these properties are zoned Commercial (C) District and are situated within the Scenic Overlay (SOV) District.

East: Directly east of the subject property the intersection of Ridge Road [*FM-740*] and W. Yellow Jacket Lane, which are both identified as a M4D (*i.e. major collector, four [4] lane, divided roadway*) on the City's Master Thoroughfare Plan contained in the OURHometown Vision 2040 Comprehensive Plan. Beyond this is a 1.129-acre parcel of land (*i.e. Lot 1, Block A, Yellow Jacket Addition*) developed with a multi-tenant commercial building (*e.g. Little Caesar's, Nail Luxe, etc.*), zoned Commercial (C) District and are situated within the Scenic Overlay (SOV) District.

West: Directly west of the subject property is a 0.6150-acre parcel of land (*i.e. Lot 4, Block A, Sky Ridge Addition*) developed with a *Restaurant with Drive-Through* (*i.e. Einstein Bro Bagels*). Beyond this are two (2) vacant parcels of land (*i.e. Lots 6 & 7, Block A, Sky Ridge Addition*). All of these properties are zoned Commercial (C) District and are situated within the Scenic Overlay (SOV) District. Following this is a 100-foot right-of-way owned by the *Union Pacific/Dallas Garland NE Railroad*.

MAP 1: LOCATION MAP
YELLOW: SUBJECT PROPERTY

DENSITY AND DIMENSIONAL REQUIREMENTS

Based on the provided building elevations the applicant is proposing a multi-tenant retail building. According to Section 01, *Land Use Schedule*, of Article 04, *Permissible Uses*, of the Unified Development Code (UDC), a Commercial (C) District permits a wide variety of retail land uses including but not limited to a *General Retail Store, Manicurist, Hair Salon,* and *Massage Therapist.* The submitted site plan, landscape plan, photometric plan, and building elevations generally conform to

the technical requirements contained within the Unified Development Code (UDC) for a property located within a Commercial (C) District with the exception of the items listed in the *Variances and Exceptions Requested by the Applicant* section of this case memo. A summary of the density and dimensional requirements for the subject property are as follows:

Ordinance Provisions	*Zoning District Standards*	*Conformance to the Standards*
Minimum Lot Area	*10,000 SF*	*X=42,512-acres; In Conformance*
Minimum Lot frontage	*60-Feet*	*X= 283.04-feet; In Conformance*
Minimum Lot Depth	*100-Feet*	*X=239.31-feet; In Conformance*
Minimum Front Yard Setback	*15-Feet*	*X>15-feet; In Conformance*
Minimum Rear Yard Setback	*10-Feet*	*X>10-feet; In Conformance*
Minimum Side Yard Setback	*10-Feet*	*X=10-feet; In Conformance*
Maximum Building Height	*36-Feet*	*X=26.5-feet; In Conformance*
Max Building/Lot Coverage	*60%*	*X=18.50%; In Conformance*
Minimum Number of Parking Spaces	*1 Parking Space/250 SF (32 Required)*	*X=32; In Conformance*
Minimum Landscaping Percentage	*20%*	*X=29%; In Conformance*
Maximum Impervious Coverage	*85-90%*	*X=71%; In Conformance*

TREESCAPE PLAN

No trees are being removed from the subject property. Based on this no *Treescape Plan* is required.

CONFORMANCE WITH THE CITY'S CODES

According to Subsection 04.05, *Commercial (C) District*, of Article 05, *District Development Standards*, of the Unified Development Code (UDC), "(t)he Commercial (C) District is the proper zoning classification for most types of commercial development (*e.g. larger shopping centers at major intersections, commercial strips along arterial roadways, etc.*). The land uses specified for the Commercial (C) District include most types of office and retail activity ..." and should be "...located on or close to an arterial or major collector that is capable of carrying the additional traffic generated by land uses in this district." In this case, the applicant is proposing a multi-tenant retail building at the intersection of Ridge Road [*FM-740*] and W. Yellow Jacket Lane. Based on staff's review of the applicant's project compared to the City's codes, the request does appear to meet the City's requirements.

The submitted site plan, landscape plan, photometric plan, and building elevations generally conform to the technical requirements contained within the Unified Development Code (UDC) for a property located within a Commercial (C) District, with the exception to the non-conformities detailed in the *Variances and Exceptions by the Applicant* portion of this case memo.

VARIANCES AND EXCEPTIONS REQUESTED BY THE APPLICANT

As stated above, the applicant's request conforms to the majority of the City's codes; however, staff has identified the following variances:

(1) *Architectural Standards*.

(a) *Articulation.* According to Subsection 06.02 (C), *General Overlay District Standards*, of Article 05, *District Development Standards*, of the Unified Development Code (UDC), "(a)ll buildings shall be architecturally finished on all four (4) sides utilizing the same materials, detailing, articulation and features." In this case, the proposed building elevations do not meet the primary articulation requirements on all sides of the building. This will require a *variance* from the Planning and Zoning Commission pending a recommendation from the Architectural Review Board (ARB).

(2) *Landscape Standards*.

(a) *Landscape Buffers*. According to Subsection 05.01 (C), *Landscape Buffers*, Article 08, *Landscape and Fence Standards*, of the Unified Development Code (UDC), "(b)uildings and paving (*e.g. parking lots*) shall not be permitted within any required landscape buffer; however, sidewalks and trails shall be permitted." In this case, the

head in parking along Ridge Road [*FM-740*] encroaches into the landscape buffer. This will require an *exception* from the Planning and Zoning Commission.

According to Subsection 09.02, *Variances to the General Overlay District Standards*, of Article 11, *Development Applications and Review Procedures*, of the Unified Development Code (UDC), "…an applicant may request the Planning and Zoning Commission grant a variance to the provisions contained in the Unified Development Code (UDC), where unique or extraordinary conditions exist or where strict adherence to the technical requirements of the Unified Development Code would create an undue hardship." This section of the code also includes the same language for variances to the *General Overlay District Standards*. In addition, the code requires that applicant's provide compensatory measures that directly offset the requested variances. In this case, the applicant is proposing [*1*] four (4) inch caliper canopy trees, [*2*] a decorative screening wall along Ridge Road, [*3*] greater than 20.00% stone on each façade, [*4*] additional architectural elements, and [*5*] four (4) sided architecture. Staff should note that compensatory measure [*1*], [*2*], [*4*], and [*5*] are not compensatory in nature as canopy trees are required to be four (4) inch caliper, the decorative screening wall along Ridge Road is required to screen vehicle headlights, the applicant has the minimum number of required architectural elements, and four (4) sided architecture is required. That being said, requests for variances to the *General Overlay District Standards* are discretionary decisions for the Planning and Zoning Commission. Staff should note that a supermajority vote (*e.g. six [6] out of the seven [7] commissioners*) -- *with a minimum of four (4) votes in the affirmative* -- is required for the approval of a variance or exception.

CONFORMANCE WITH OURHOMETOWN VISION 2040 COMPREHENSIVE PLAN

The Future Land Use Plan adopted with the OURHometown Vision 2040 Comprehensive Plan identifies the subject property as being situated in the *South Lakeshore District*. The *South Lakeshore District* is an established district that is significantly developed with medium-density, suburban housing and many of the subdivisions are not anticipated to change. As a result, the majority of commercial development in the area is anticipated to consist of neighborhood/convenience centers that are compatible in scale with the adjacent residential properties. Strategy #2 in the *South Lakeshore District* states that "…commercial in this district is intended to support the existing residential subdivisions and should be compatible in scale with the adjacent residential structures." In addition, according to Goal 04, *Commercial Building Design*, of Chapter 09, *Non-Residential*, of the OURHometown Vision 2040 Comprehensive Plan "(a)ll non-residential buildings should be designed and constructed in unity with the community's existing commercial and residential buildings..." In this case, the applicant is utilizing the same building materials as the adjacent non-residential development (*i.e. Dutch Bros, Qdoba, Einstein Bagel Bros*). Given this, the applicant's request appears to meet the intent of Chapter 09, *Commercial Building Design*, of the OURHometown Vision 2040 Comprehensive Plan.

ARCHITECTURAL REVIEW BOARD (ARB) RECOMMENDATION

On May 26, 2026, the Architectural Review Board (ARB) reviewed the Building Elevations submitted on May 15, 2026, and provided the applicant with the following suggestions: [*1*] enclose the main tower element, [*2*] remove the stone from the sections of the building where it is shown on top of the brick, [*3*] provide a roof plan, and [*4*] show the parapet beyond on the elevations. The updated building elevations will be reviewed at the *June 9, 2026* Architectural Review Board Meeting.

CONDITIONS OF APPROVAL

If the Planning and Zoning Commission chooses to approve the applicant's *Site Plan* for the multi-tenant retail building on the *subject property*, then staff would propose the following conditions of approval:

(1) All staff comments provided by the Planning, Engineering and Fire Department must be addressed prior to the submittal of engineering plans; and,

(2) Any RTUs that are visible over the parapet shall be screened with either the parapet or a louver system; and,

(3) Any construction resulting from the approval of this *Site Plan* shall conform to the requirements set forth by the Unified Development Code (UDC), the International Building Code (IBC), the Rockwall Municipal Code of Ordinances, city adopted engineering and fire codes and with all other applicable regulatory requirements administered and/or enforced by the state and federal government.

DEVELOPMENT APPLICATION

City of Rockwall
Planning and Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087

STAFF USE ONLY
PLANNING & ZONING CASE NO.

NOTE: *THE APPLICATION IS NOT CONSIDERED ACCEPTED BY THE CITY UNTIL THE PLANNING DIRECTOR AND CITY ENGINEER HAVE SIGNED BELOW.*

DIRECTOR OF PLANNING:

CITY ENGINEER:

PLEASE CHECK THE APPROPRIATE BOX BELOW TO INDICATE THE TYPE OF DEVELOPMENT REQUEST [SELECT ONLY ONE BOX]:

PLATTING APPLICATION FEES:
- ☐ MASTER PLAT ($500.00 + $20.00 ACRE) [1]
- ☐ PRELIMINARY PLAT ($500.00 + $20.00 ACRE) [1]
- ☐ FINAL PLAT ($500.00 + $20.00 ACRE) [1]
- ☐ REPLAT ($500.00 + $20.00 ACRE) [1&3]
- ☐ AMENDING OR MINOR PLAT ($500.00)
- ☐ PLAT REINSTATEMENT REQUEST ($200.00)

SITE PLAN APPLICATION FEES:
- ☑ SITE PLAN ($1,000.00 + $20.00 ACRE) [1&2]
- ☐ AMENDED SITE PLAN/ELEVATIONS/LANDSCAPING PLAN ($500.00) [2]

OTHER APPLICATION FEES:
- ☐ TREE REMOVAL ($200.00)
- ☐ VARIANCE REQUEST/SPECIAL EXCEPTIONS [RESIDENTIAL] ($200.00) [2]
- ☐ VARIANCE REQUEST/SPECIAL EXCEPTIONS [COMMERCIAL] ($1,000.00) [2]

ZONING APPLICATION FEES:
- ☐ ZONING CHANGE ($1,000.00 + $20.00 ACRE) [1&3]
- ☐ SPECIFIC USE PERMIT [RESIDENTIAL] ($200.00 + $20.00 ACRE) [1,2&3]
- ☐ SPECIFIC USE PERMIT [COMMERCIAL] ($1,000.00 + $20.00 ACRE) [1,2&3]
- ☐ PLANNED DEVELOPMENT DISTRICT ($1,500.00 + $20.00 ACRE) [1&3]
- ☐ PD DEVELOPMENT PLANS ($1,500.00 + $20.00 ACRE) [1&3]

NOTES:
[1]: IN DETERMINING THE FEE, PLEASE USE THE EXACT ACREAGE WHEN MULTIPLYING BY THE PER ACRE AMOUNT. FOR REQUESTS ON LESS THAN ONE ACRE, ROUND UP TO ONE (1) ACRE.
[2]: A ***$2,500.00*** FEE WILL BE ADDED TO THE APPLICATION FEE FOR ANY REQUEST THAT INVOLVES CONSTRUCTION WITHOUT OR NOT IN COMPLIANCE TO AN APPROVED BUILDING PERMIT.
[3]: AN ADDITIONAL FEE OF ***$150.00*** WILL BE REQUIRED FOR THE COST OF NOTIFICATIONS.

PROPERTY INFORMATION [PLEASE PRINT]

ADDRESS	2200 Ridge Road, Rockwall TX 75087				
SUBDIVISION	Sky Ridge Addition	LOT	8	BLOCK	A
GENERAL LOCATION	NW of YellowJacket & Ridge Road Intersection				

ZONING, SITE PLAN AND PLATTING INFORMATION [PLEASE PRINT]

CURRENT ZONING	Commercial District	CURRENT USE	Non
PROPOSED ZONING		PROPOSED USE	Nail Salon & General Retail
ACREAGE	0.976	LOTS [CURRENT]	1
		LOTS [PROPOSED]	1

☐ ***SITE PLANS AND PLATS:*** *BY CHECKING THIS BOX YOU ACKNOWLEDGE THAT DUE TO THE PASSAGE OF HB3167 THE CITY NO LONGER HAS FLEXIBILITY WITH REGARD TO ITS APPROVAL PROCESS, AND FAILURE TO ADDRESS ANY OF STAFF'S COMMENTS BY THE DATE PROVIDED ON THE DEVELOPMENT CALENDAR WILL RESULT IN THE DENIAL OF YOUR CASE.*

OWNER/APPLICANT/AGENT INFORMATION [PLEASE PRINT/CHECK THE PRIMARY CONTACT/ORIGINAL SIGNATURES ARE REQUIRED]

☐ OWNER	Beauty Legacy, LLC	☐ APPLICANT	B+A Architecture LLC
CONTACT PERSON	~~Lien Nguyen~~ Kim Lien Thi Nguyen	CONTACT PERSON	Thong Thai
ADDRESS	[redacted]	ADDRESS	[redacted]
CITY, STATE & ZIP		CITY, STATE & ZIP	
PHONE		PHONE	
E-MAIL		E-MAIL	

NOTARY VERIFICATION [REQUIRED]

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED KIM LIEN THI NGUYEN [*OWNER*] THE UNDERSIGNED, WHO STATED THE INFORMATION ON THIS APPLICATION TO BE TRUE AND CERTIFIED THE FOLLOWING:

"I HEREBY CERTIFY THAT I AM THE OWNER FOR THE PURPOSE OF THIS APPLICATION; ALL INFORMATION SUBMITTED HEREIN IS TRUE AND CORRECT; AND THE APPLICATION FEE OF $ N/A *, TO COVER THE COST OF THIS APPLICATION, HAS BEEN PAID TO THE CITY OF ROCKWALL ON THIS THE* N/A *DAY OF* N/A *, 20___. BY SIGNING THIS APPLICATION, I AGREE THAT THE CITY OF ROCKWALL (I.E. "CITY") IS AUTHORIZED AND PERMITTED TO PROVIDE INFORMATION CONTAINED WITHIN THIS APPLICATION TO THE PUBLIC. THE CITY IS ALSO AUTHORIZED AND PERMITTED TO REPRODUCE ANY COPYRIGHTED INFORMATION SUBMITTED IN CONJUNCTION WITH THIS APPLICATION, IF SUCH REPRODUCTION IS ASSOCIATED OR IN RESPONSE TO A REQUEST FOR PUBLIC INFORMATION."*

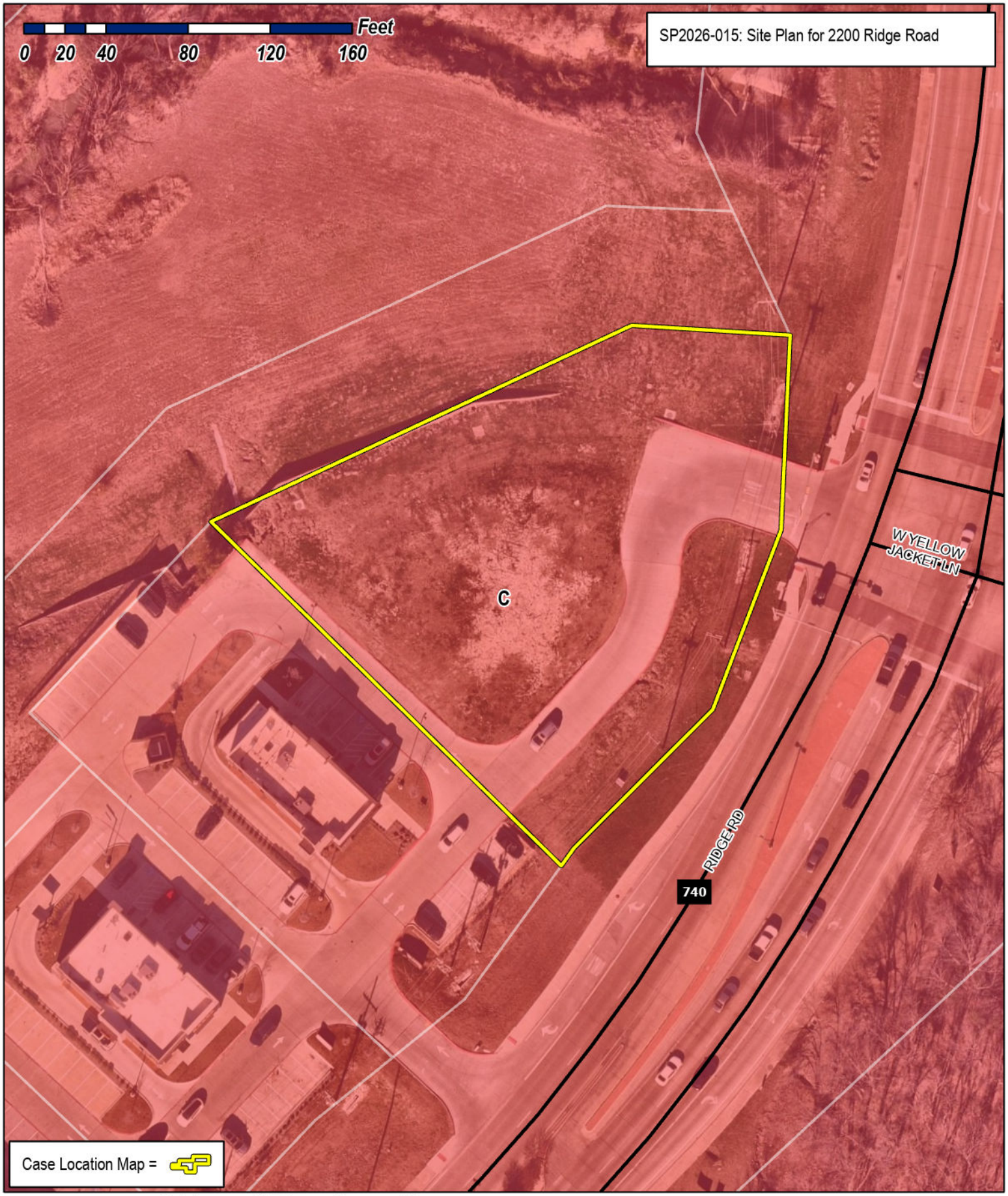
GIVEN UNDER MY HAND AND SEAL OF OFFICE ON THIS THE 13th *DAY OF* MAY *, 20*26*.*

RYAN MARK ANDIO STA ROMANA ANGELES
Notary Public
STATE OF TEXAS
My Comm. Exp. 04-02-29
Notary ID # 135506513

OWNER'S SIGNATURE

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

MY COMMISSION EXPIRES

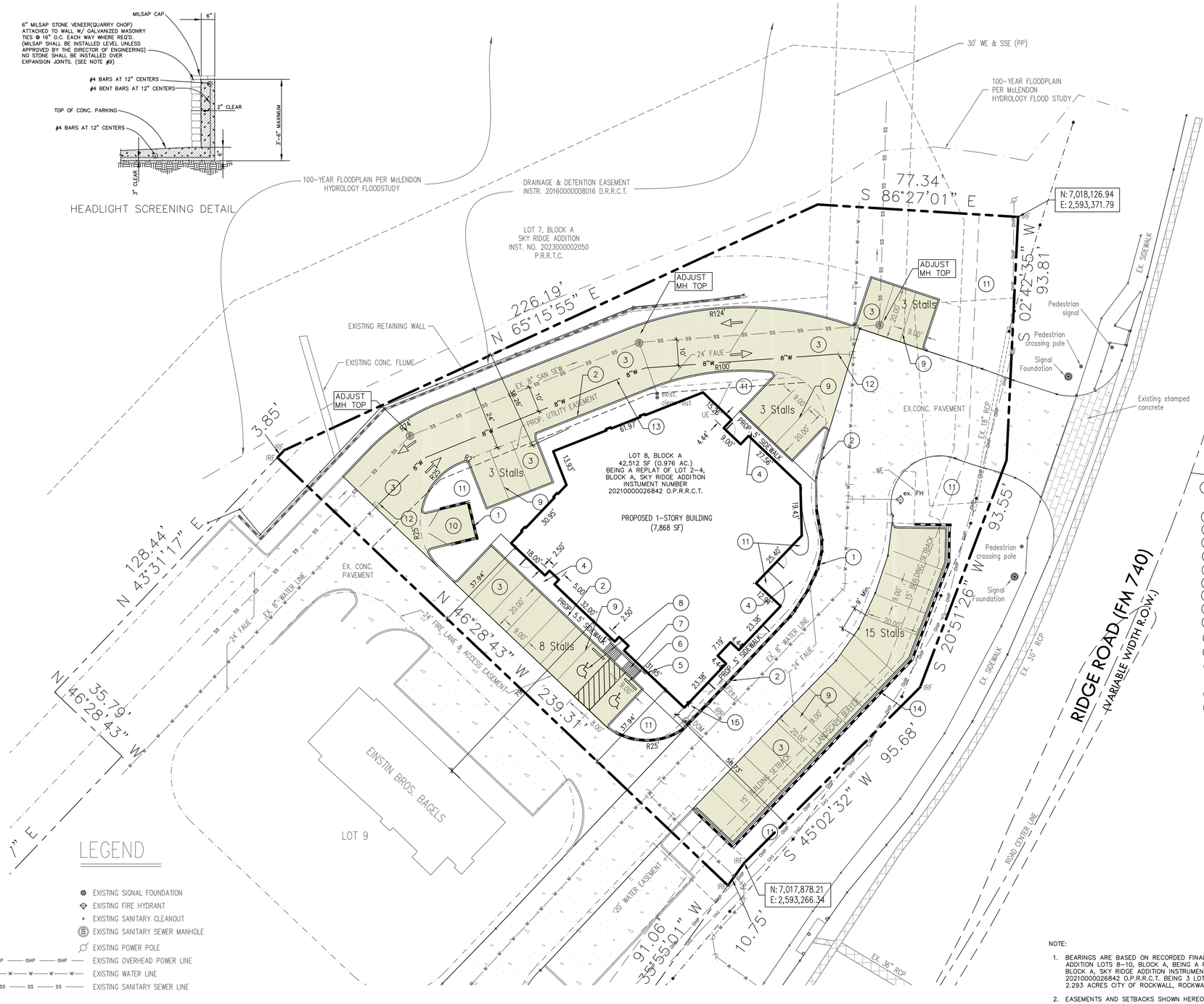


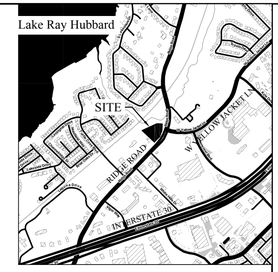
City of Rockwall

Planning & Zoning Department
385 S. Goliad Street
Rockwall, Texas 75087
(P): (972) 771-7745
(W): www.rockwall.com

The City of Rockwall GIS maps are continually under development and therefore subject to change without notice. While we endeavor to provide timely and accurate information, we make no guarantees. The City of Rockwall makes no warranty, express or implied, including warranties of merchantability and fitness for a particular purpose. Use of the information is the sole responsibility of the user.

HEADLIGHT SCREENING DETAIL





VICINITY MAP
(NTS)

0 20 40 60

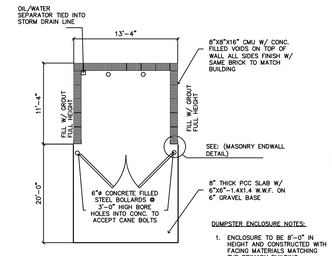
SCALE: 1" = 20'

SITE DATA

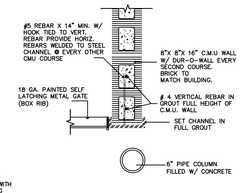
LOT AREA	42,512 SF
BUILDING HEIGHT	1 STORIES, 30'
BUILDING AREA	7,868 SF
FLOOR AREA RATIO	0.1844
TOTAL IMPERVIOUS AREA	30,086 SF (71% COVERAGE)
LANDSCAPE AREA	12,426 SF (29% COVERAGE)
EXISTING ZONING	C -COMMERCIAL DISTRICT
PROPOSED USEAGE	NAIL SALON AND RETAILS
REQUIRED PARKING	1 parking space/250 sf (7868 x 1/250=32 required)
PROVIDED PARKING	32 SPACES

KEYNOTES

1. CONSTRUCT RETAINING WALL
2. CONSTRUCT MONOLITHIC CONCRETE CURB
3. CONSTRUCT 6" THICK PORTLAND CEMENT CONCRETE PAVEMENT PER PAVING PLAN
4. CONSTRUCT 4" THICK CONCRETE SIDEWALK
5. INSTALL HANDICAP SIGN
6. INSTALL PRECAST CONCRETE WHEELSTOPS
7. CONSTRUCT STANDARD ADA RAMP
8. PAINT HANDICAP SYMOL – WHITE ON BLUE BACKGROUND
9. PAINT 4" SOLID STRIPE – WHITE
10. CONSTRUCT 8" THICK PCC SLAB TRASH ENCLOSURE W/OIL/WATER SEPARATOR CONNECTED TO STORM
11. LANDSCAPE AREA
12. REMOVE PLUG AND CONNECT PROP. 8" WATER LINE TO EX. 8" WATER LINE
13. INSTALL 8" WATER LINE
14. CONSTRUCT RETAINING WALL WITH HEADLIGHT SCREENING
15. INSTALL FIRE DEPARTMENT CONNECTION (FDC)



TRASH ENCLOSURE PLAN
SCALE: NONE



MASONRY ENDWALL DETAIL
SCALE: NONE

NOTE:

1. BEARINGS ARE BASED ON RECORDED FINAL PLAT OF SKY RIDGE ADDITION LOTS 8-10, BLOCK A, BEING A REPLAT OF LOT 2-4, BLOCK A, SKY RIDGE ADDITION INSTRUMENT NUMBER 20210000026842 O.P.R.R.C.T. BEING 3 LOTS AND CONTAINING 2.293 ACRES CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS.
2. EASEMENTS AND SETBACKS SHOWN HEREON ARE BASED ON RECORDED PLAT (CASE NO. P2023-005) UNLESS OTHERWISE NOTED.
3. UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY EXACT LOCATION OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
4. ALL DIMENSIONS ARE TO FACE OF CURB.
5. THERE SHALL BE NO ABOVE GROUND STORAGE TANKS OR OUTSIDE STORAGE, WHICH INCLUDES VEHICLES.
6. ALL ROOFTOP EQUIPMENT SHALL BE FULLY SCREENED BY THE PARAPET.

DUMPSTER ENCLOSURE DETAIL

LEGEND

- EXISTING SIGNAL FOUNDATION
- EXISTING FIRE HYDRANT
- EXISTING SANITARY CLEANOUT
- EXISTING SANITARY SEWER MANHOLE
- EXISTING POWER POLE
- OHP — EXISTING OVERHEAD POWER LINE
- W — EXISTING WATER LINE
- SS — EXISTING SANITARY SEWER LINE
- EXISTING CONCRETE PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- FAUE FIRE LANE ACCESS & UTILITY EASEMENT
- UE UTILITY EASEMENT
- WE WATER LINE EASEMENT

APPROVED:
I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission of the City of Rockwall on the _____ day of _____, _____.

WITNESS OUR HANDS, this _____ day of _____, _____.

_____ Planning & Zoning Commission, Chairman

_____ Director of Planning and Zoning

SP2026-015

Henry Nguyen Consulting, LLC
Civil Engineering
1330 Glenfield Ave, Dallas, Texas 75224
(214) 773-4075 Email: henguyen@swbell.net
Texas Registered Engineering Firm F-16239

REVISIONS			
Date	Description	Approved	

SKYRIDGE RETAIL BUILDING
2200 RIDGE ROAD
ROCKWALL, TEXAS 75087

DESIGN	HNC	Job#: 25001	
DRAWN	HNC		
DATE	05/24/2026		

STATE OF TEXAS
HENRY T. NGUYEN
71065
REGISTERED PROFESSIONAL ENGINEER

The seal appearing on this document was authorized by Henry Nguyen, P.E. 71065. Alteration of a sealed document with out proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.

SITE PLAN

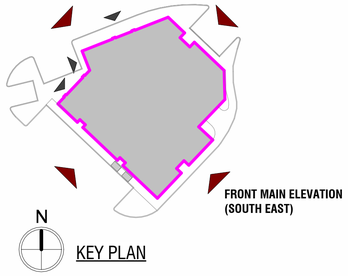
C2

May 24,2026 2:26pm henguy
C:\Users\Vtenga\OneDrive\Henry Nguyen Consulting\Projects\Active\25001-SKY RIDGE ADDITION\18-SHEET_SETS\C2-SITE PLAN.dwg

GENERAL NOTES

2

1. EXTERIOR COLORS ARE INDICATED BY MATERIAL MANUFACTURERS
2. ALL EXTERIOR MATERIAL TRANSITION, SILLS AND HEADERS WHICH ARE NOT CALLED OUT, MATCH TO WALL TRIM COLOR.
3. ROOF TOP UNITS (RTUs) TO BE SCREENED FROM VIEWS BY LOUVERED SCREENS IF IT IS VISIBLE FROM THE ROAD.
4. INSTALL ALL ROOF PENETRATIONS AND EQUIPMENT (IE; VENT PIPES; ROOF VENTILATORS) ON THE REAR SIDE OF THE ROOF, TO THE GREATEST EXTENT POSSIBLE
5. ALL SIGNAGE IS HANDLED THROUGH A SEPARATE BUILDING PERMIT



FRONT MAIN ELEVATION (SOUTH EAST)

N

KEY PLAN

MAIN EXTERIOR MATERIALS

STONE VENEER
LEDGESTONE STYLE
WINDSOR PEWTER LEDGE

BIRCK VENEER
THIN BRICK
DESERT GRAY

ACM PANEL
ALUCOBOND
STATUARY BRONZE

STUCCO
STU-1
AGREEABLE GRAY SW 7029

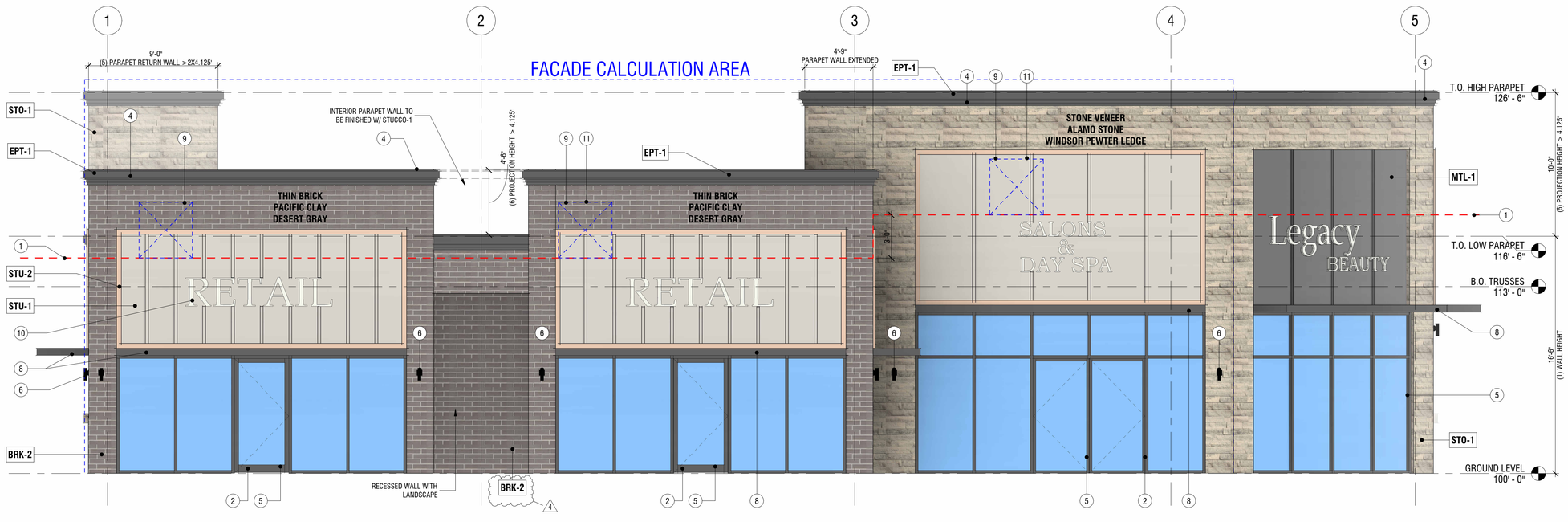
EXTERIOR FINISHING SCHEDULE

NO.	MATERIAL/ITEMS	DESCRIPTION	COLOR/FINISH
1	STONE VENEER (STO-1)	ALAMO STONE - LEDGESTONE	WINDSOR PEWTER LEDGE
2	STONE TRANSITION SILL (STO-2)	ALAMO STONE - LEDGESTONE-PROJECTED 2"	WINDSOR PEWTER LEDGE
3	BRICK VENEER (BRK-1)	PACIFIC CLAY PRODUCTS	THIN BRICK - DESERT GRAY
4	METAL PANEL (MTL-1)	ALUCOBOND ACM OR EQUAL	STATUARY BRONZE
5	STUCCO (STU-1 & STU-2)	DRYVIT SYSTEM OR EQUAL	COLOR 1 - SW 7029 , COLOR 2 - SW 6336
6	STOREFRONT	MANKO ALUMINUM/GLASS SYSTEM OR EQUAL	MATTE BLACK
7	EXTERIOR DOORS	ALUMINUM, PAINTED	MATTE BLACK
8	CORNICE & PARAPET COPING (EPT-1)	METAL, PAINTED	COLOR: CHELSEA GRAY SW 2850

KEYNOTES

1	LINE OF ROOF BEYOND
2	TENANT MAIN ENTRY
3	STONE VENEER. INSTALL PER MANUFACTURER SPECIFICATIONS
4	CORNICE LINE TO BE PAINTED EPT-1
5	ANODIZED ALUMINUM STOREFRONT SYSTEM DOOR AND GLAZING
6	EXTERIOR LIGHTING
7	BREAK METAL TO MATCH STOREFRONT SYSTEM
8	METAL AWING. INSTALL PER MANUFACTURER SPECIFICATIONS
9	RTU/HVAC SYSTEM. INSTALL PER MANUFACTURER SPECIFICATIONS
10	SIGNAGE, INSTALL PER MANUFACTURER SPECIFICATIONS
11	RTU SCREENING SYSTEM TO MEET CITY REQUIREMENT, INSTALL PER MANUFACTURER SPECIFICATIONS

FRONT MAIN ELEVATION (SE)		
EXTERIOR MATERIALS PERCENTAGES		
TOTAL FACADE AREA	1614.99 SF	
WINDOWS DOORS	412.61	
AREA BALANCE	1202.38 SF	
MATERIAL	AREA	PERCENTAGE
STONE	460.22 SF	38%
METAL	-	-
BRICK	251.60 SF	21%
STUCCO	490.56 SF	41%
TOTAL	1202.38 SF	100%



1 FRONT MAIN ELEVATION (SOUTH EAST)
1/4" = 1'-0"

APPROVED:
I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission of the City of Rockwall on the _____day of _____, _____.

WITNESS OUR HANDS, this _____day of _____, _____.

Planning & Zoning Commission, Chairman

Director of Planning and Zoning

CASE NUMBER: SP2026-015

ARCHITECTURE

ARCHITECT
B+A ARCHITECTURE
600 BROADWAY BLVD, SUITE 290
KANSAS CITY, MO 64105
PH: 816-753-6100

SKYRIDGE RETAIL BUILDING
LOT 2 - 2200 RIDGE RD, ROCKWALL, TX 75087

SEAL

NOT FOR CONSTRUCTION

Issue Date: 02/03/2026

NO.	REVISION	DATE
1	REV-DEVELOPMENT#1	03.03.26
2	REV-DEVELOPMENT#2	04.03.26
3	REV-DEVELOPMENT#3	05.25.26
4	CITY COMMENTS	05.28.26

DESIGNED BY: TT, NH
DRAWN BY: NH
CHECKED BY: TT

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BUILDING ELEVATIONS
A200
3

GENERAL NOTES

1. EXTERIOR COLORS ARE INDICATED BY MATERIAL MANUFACTURERS
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3. ROOF TOP UNITS (RTUs) TO BE SCREENED FROM VIEWS BY LOUVERED SCREENS IF IT IS VISIBLE FROM THE ROAD.
4. INSTALL ALL ROOF PENETRATIONS AND EQUIPMENT (IE; VENT PIPES; ROOF VENTILATORS) ON THE REAR SIDE OF THE ROOF, TO THE GREATEST EXTENT POSSIBLE
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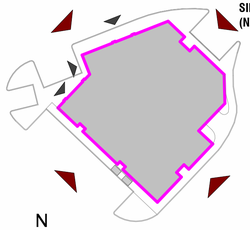

KEY PLAN

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LEDGESTONE STYLE
WINDSOR PEWTER LEDGE

BIRCK VENEER
THIN BRICK
DESERT GRAY

ACM PANEL
ALUCOBOND
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STUCCO
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8	CORNICE & PARAPET COPING (EPT-1)	METAL, PAINTED	COLOR: CHELSEA GRAY SW 2850

KEYNOTES

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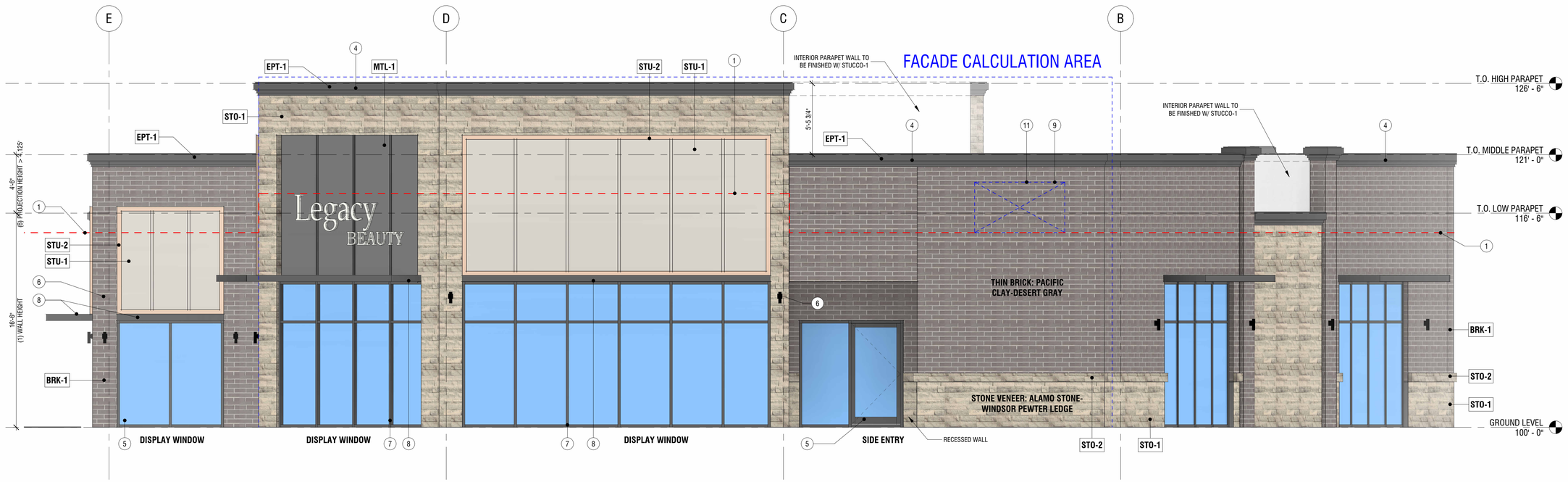
SIDE ELEVATION (NE)		
EXTERIOR MATERIALS PERCENTAGES		
TOTAL FACADE AREA	1800.85 SF	
WINDOWS DOORS	349.35 SF	
AREA BALANCE	1451.50 SF	
MATERIAL	AREA	PERCENTAGE
STONE	618.69 SF	43%
METAL	96.28 SF	7%
BRICK	355.91 SF	39%
STUCCO	166.50 SF	11%
TOTAL	1451.50 SF	100%



1 SIDE ELEVATION (NORTH EAST)
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Planning & Zoning Commission, Chairman

Director of Planning and Zoning

CASE NUMBER: SP2026-015

B+A ARCHITECTURE

ARCHITECT
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PH: 816-753-6100

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DESIGNED BY: NH,TT
DRAWN BY: NH
CHECKED BY: TT

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BUILDING ELEVATIONS
A201
3

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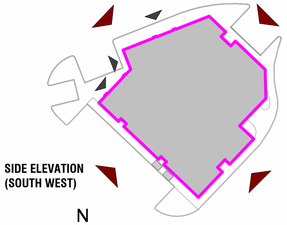
4. INSTALL ALL ROOF PENETRATIONS AND EQUIPMENT (IE; VENT PIPES; ROOF VENTILATORS) ON THE REAR SIDE OF THE ROOF, TO THE GREATEST EXTENT POSSIBLE
5. ALL SIGNAGE IS HANDLED THROUGH A SEPARATE BUILDING PERMIT



KEY PLAN

MAIN EXTERIOR MATERIALS

STONE VENEER
LEDGESTONE STYLE
WINDSOR PEWTER LEDGE

BIRCK VENEER
THIN BRICK
DESERT GRAY

ACM PANEL
ALUCOBOND
STATUARY BRONZE

STUCCO
STU-1
AGREEABLE GRAY SW 7029

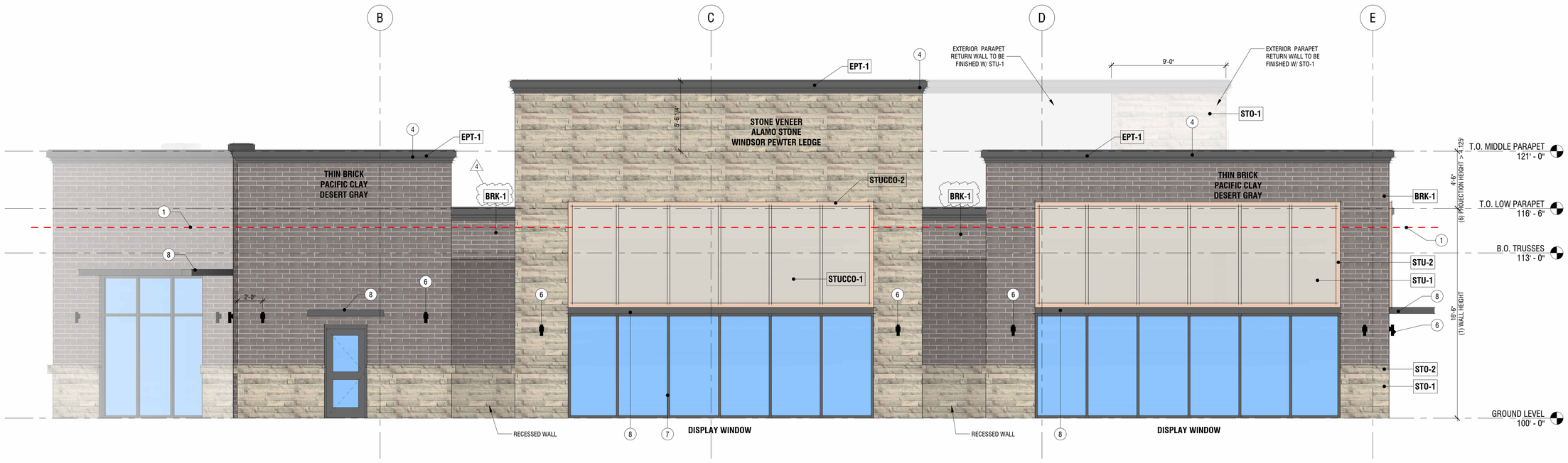
EXTERIOR FINISHING SCHEDULE

NO.	MATERIAL/ITEMS	DESCRIPTION	COLOR/FINISH
1	STONE VENEER (STO-1)	ALAMO STONE - LEDGESTONE	WINDSOR PEWTER LEDGE
2	STONE TRANSITION SILL (STO-2)	ALAMO STONE - LEDGESTONE-PROJECTED 2"	WINDSOR PEWTER LEDGE
3	BRICK VENEER (BRK-1)	PACIFIC CLAY PRODUCTS	THIN BRICK - DESERT GRAY
4	METAL PANEL (MTL-1)	ALUCOBOND ACM OR EQUAL	STATUARY BRONZE
5	STUCCO (STU-1 & STU-2)	DRYVIT SYSTEM OR EQUAL	COLOR 1 - SW 7029 , COLOR 2 - SW 6336
6	STOREFRONT	MANKO ALUMINUM/GLASS SYSTEM OR EQUAL	MATTE BLACK
7	EXTERIOR DOORS	ALUMINUM, PAINTED	MATTE BLACK
8	CORNICE & PARAPET COPING (EPT-1)	METAL, PAINTED	COLOR: CHELSEA GRAY SW 2850

KEYNOTES

1	LINE OF ROOF BEYOND
2	TENANT MAIN ENTRY
3	STONE VENEER. INSTALL PER MANUFACTURER SPECIFICATIONS
4	CORNICE LINE TO BE PAINTED EPT-1
5	ANODIZED ALUMINUM STOREFRONT SYSTEM DOOR AND GLAZING
6	EXTERIOR LIGHTING
7	BREAK METAL TO MATCH STOREFRONT SYSTEM
8	METAL AWING. INSTALL PER MANUFACTURER SPECIFICATIONS
9	RTU/HVAC SYSTEM. INSTALL PER MANUFACTURER SPECIFICATIONS
10	SIGNAGE, INSTALL PER MANUFACTURER SPECIFICATIONS
11	RTU SCREENING SYSTEM TO MEET CITY REQUIREMENT, INSTALL PER MANUFACTURER SPECIFICATIONS

SIDE ELEVATION (SW)		
EXTERIOR MATERIALS PERCENTAGES		
TOTAL FACADE AREA	1950.52 SF	
WINDOWS DOORS	551.32 SF	
AREA BALANCE	1399.20 SF	
MATERIAL	AREA	PERCENTAGE
STONE	577.08 SF	41%
BRICK	436.40 SF	32%
METAL	-	-
STUCCO	385.72 SF	27%
TOTAL	1399.20 SF	100%



1 SIDE ELEVATION (SOUTH WEST)
1/4" = 1'-0"

APPROVED:
I hereby certify that the above and foregoing site plan for a development in the City of Rockwall, Texas, was approved by the Planning & Zoning Commission of the City of Rockwall on the _____day of _____, _____.

WITNESS OUR HANDS, this _____day of _____, _____.

Planning & Zoning Commission, Chairman

Director of Planning and Zoning

CASE NUMBER: SP2026-015

ARCHITECTURE
ARCHITECT
B+A ARCHITECTURE
600 BROADWAY BLVD, SUITE 290
KANSAS CITY, MO 64105
PH: 816-753-6100

SKYRIDGE RETAIL BUILDING
LOT 2 - 2200 RIDGE RD, ROCKWALL, TX 75087

SEAL

NOT FOR CONSTRUCTION

Issue Date: 02/03/2026

NO.	REVISION	DATE
1	REV-DEVELOPMENT#1	03.03.26
2	REV-DEVELOPMENT#2	04.03.26
3	REV-DEVELOPMENT#3	05.25.26
4	CITY COMMENTS	05.28.26

DESIGNED BY: NH,TT
DRAWN BY: NH
CHECKED BY: TT

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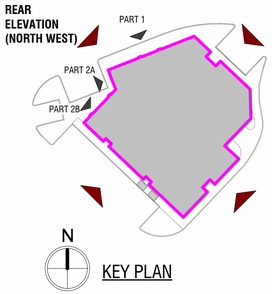
BUILDING ELEVATIONS
A202
3

GENERAL NOTES

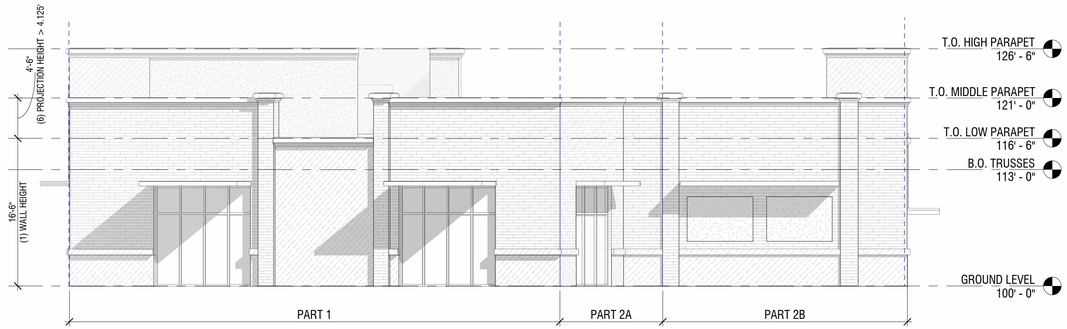
1. EXTERIOR COLORS ARE INDICATED BY MATERIAL MANUFACTURERS
2. ALL EXTERIOR MATERIAL TRANSITION, SILLS AND HEADERS WHICH ARE NOT CALLED OUT, MATCH TO WALL TRIM COLOR.
3. ROOF TOP UNITS (RTUs) TO BE SCREENED FROM VIEWS BY LOUVERED SCREENS IF IT IS VISIBLE FROM THE ROAD.
4. INSTALL ALL ROOF PENETRATIONS AND EQUIPMENT (IE; VENT PIPES; ROOF VENTILATORS) ON THE REAR SIDE OF THE ROOF, TO THE GREATEST EXTENT POSSIBLE
5. ALL SIGNAGE IS HANDLED THROUGH A SEPARATE BUILDING PERMIT



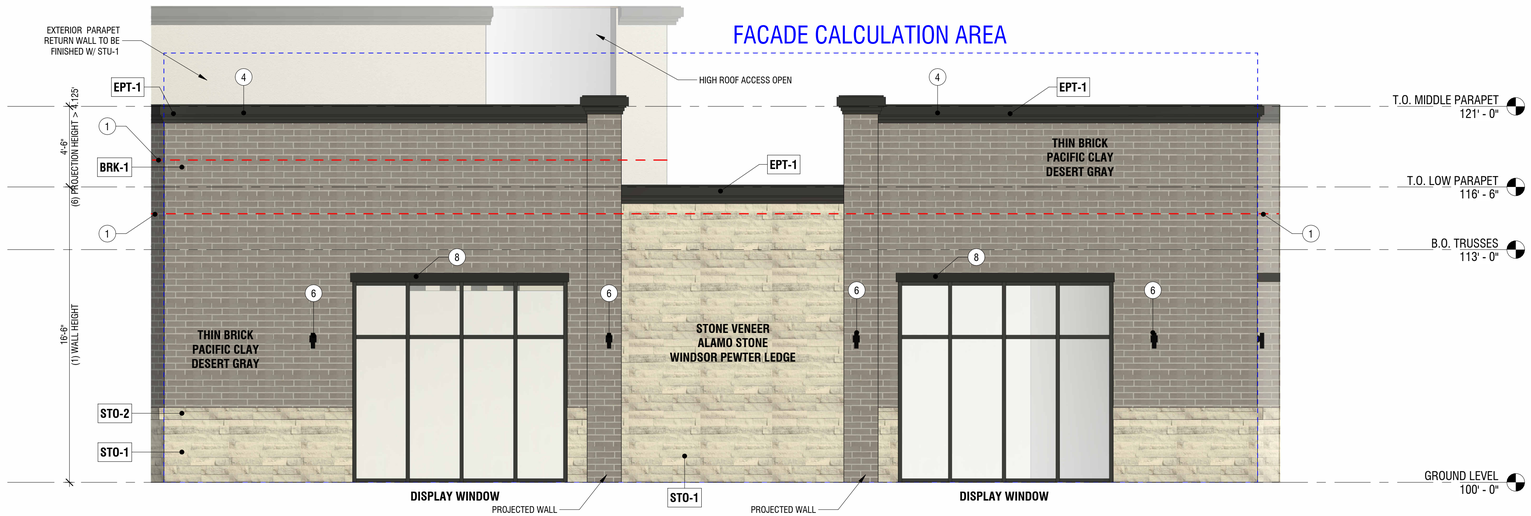
KEY PLAN

MAIN EXTERIOR MATERIALS

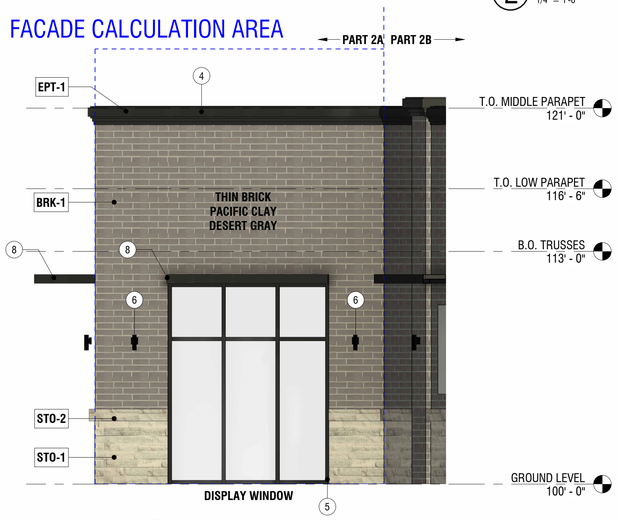
STONE VENEER	BIRCK VENEER	ACM PANEL	STUCCO
LEDGESTONE STYLE	THIN BRICK	ALUCOBOND	STU-1
WINDSOR PEWTER LEDGE	DESERT GRAY	STATUARY BRONZE	AGREEABLE GRAY SW 7029



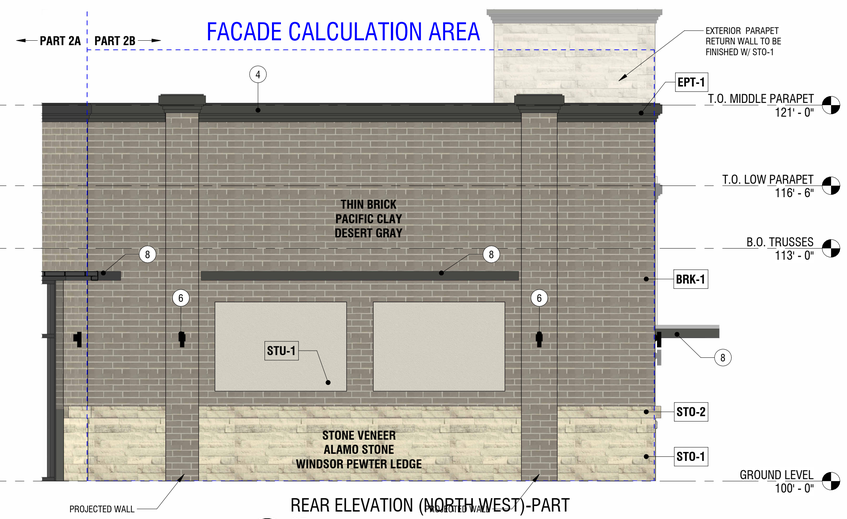
1 REAR ELEVATION -OVERALL
1/8" = 1'-0"



2 REAR ELEVATION (NORTH WEST)-PART 1
1/4" = 1'-0"



3 REAR ELEVATION (WEST)-PART 2A
1/4" = 1'-0"



4 REAR ELEVATION (NORTH WEST)-PART 2B
1/4" = 1'-0"

EXTERIOR FINISHING SCHEDULE

NO.	MATERIAL/ITEMS	DESCRIPTION	COLOR/FINISH
1	STONE VENEER (STO-1)	ALAMO STONE - LEDGESTONE	WINDSOR PEWTER LEDGE
2	STONE TRANSITION SILL (STO-2)	ALAMO STONE - LEDGESTONE-PROJECTED 2"	WINDSOR PEWTER LEDGE
3	BRICK VENEER (BRK-1)	PACIFIC CLAY PRODUCTS	THIN BRICK - DESERT GRAY
4	METAL PANEL (MTL-1)	ALUCOBOND ACM OR EQUAL	STATUARY BRONZE
5	STUCCO (STU-1 & STU-2)	DRYVIT SYSTEM OR EQUAL	COLOR 1 - SW 7029 , COLOR 2 - SW 6336
6	STOREFRONT	MANKO ALUMINUM/GLASS SYSTEM OR EQUAL	MATTE BLACK
7	EXTERIOR DOORS	ALUMINUM, PAINTED	MATTE BLACK
8	CORNICE & PARAPET COPING (EPT-1)	METAL, PAINTED	COLOR: CHELSEA GRAY SW 2850

KEYNOTES

1	LINE OF ROOF BEYOND
2	TENANT MAIN ENTRY
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7	BREAK METAL TO MATCH STOREFRONT SYSTEM
8	METAL AWING. INSTALL PER MANUFACTURER SPECIFICATIONS
9	RTU/HVAC SYSTEM. INSTALL PER MANUFACTURER SPECIFICATIONS
10	SIGNAGE, INSTALL PER MANUFACTURER SPECIFICATIONS
11	RTU SCREENING SYSTEM TO MEET CITY REQUIREMENT, INSTALL PER MANUFACTURER SPECIFICATIONS

REAR ELEVATION (PART 1)		
EXTERIOR MATERIALS PERCENTAGES		
TOTAL FACADE AREA	1208.88 SF	
WINDOWS DOORS	271.31 SF	
AREA BALANCE	937.57 SF	
MATERIAL	AREA	PERCENTAGE
STONE	297.66 SF	32%
METAL	N/A	-
BRICK	639.91 SF	68%
STUCCO	N/A	-
TOTAL	937.57 SF	100%

REAR ELEVATION (PART 2)		
EXTERIOR MATERIALS PERCENTAGES		
TOTAL FACADE AREA	962.82 SF	
WINDOWS DOORS	100.65 SF	
AREA BALANCE	862.17 SF	
MATERIAL	AREA	PERCENTAGE
STONE	182.93 SF	21%
METAL	N/A	-
BRICK	605.78 SF	70%
STUCCO	73.46 SF	9%
TOTAL	862.17 SF	100%

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WITNESS OUR HANDS, this _____day of _____, _____.

Planning & Zoning Commission, Chairman

Director of Planning and Zoning

CASE NUMBER: SP2026-015

ARCHITECTURE
ARCHITECT
B+A ARCHITECTURE
600 BROADWAY BLVD, SUITE 290
KANSAS CITY, MO 64105
PH: 816-753-6100

SKYRIDGE RETAIL BUILDING
LOT 2 - 2200 RIDGE RD, ROCKWALL, TX 75087

SEAL

NOT FOR CONSTRUCTION

Issue Date: 02/03/2026

NO.	REVISION	DATE
1	REV-DEVELOPMENT#1	03.03.26
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DESIGNED BY: NH,TT
DRAWN BY: NH
CHECKED BY: TT

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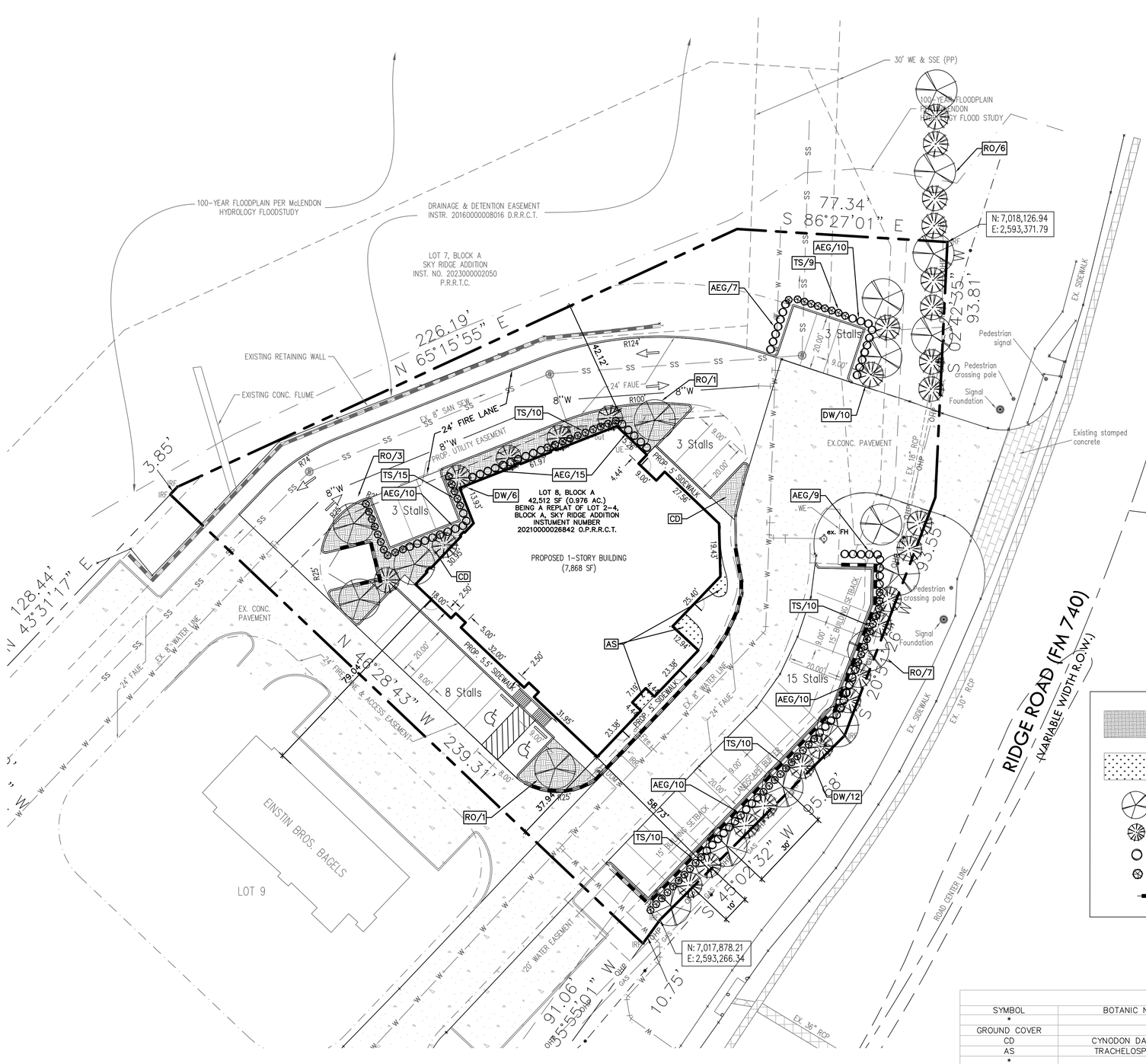
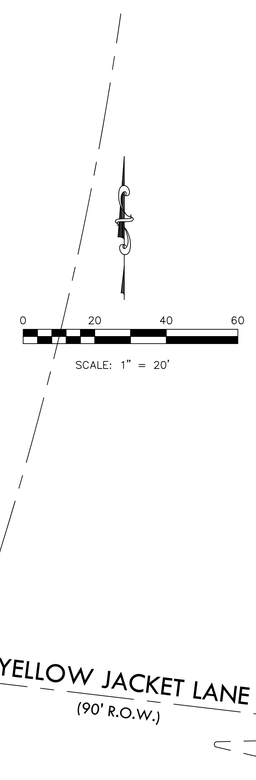
BUILDING ELEVATIONS
A203
3

T.O. HIGH PARAPET
126' - 6"
T.O. MIDDLE PARAPET
121' - 0"
T.O. LOW PARAPET
116' - 6"
B.O. TRUSSES
113' - 0"
Legacy
BEAUTY

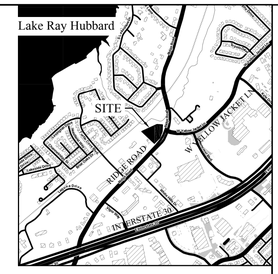
T.O. HIGH PARAPET
126' - 6"
T.O. MIDDLE PARAPET
121' - 0"
T.O. LOW PARAPET
116' - 6"
B.O. TRUSSES
113' - 0"
GROUND LEVEL
100' - 0"
RETAIL
RETAIL
1
2
3
4
B
C
D





0 20 40 60

SCALE: 1" = 20'



VICINITY MAP
(NTS)

1. Overall Site Landscaping Percentage

- For **Commercial Districts**, the required landscaping is **20%** of the net lot area.

Required	Provided
20% x 42,512 sf = 8,502.40 sf	10,899 sf (26%)

2. Perimeter Landscaping (Buffers)

- **A. Street Frontage Landscaping:**
  - **Requirement: 10 feet** along all public street frontages.
  - **Canopy Trees: 3 canopy trees per 100 linear feet** of street frontage.
  - **Accent Trees: 4 accent trees per 100 linear feet** of street frontage.
  - **Shrubs/Groundcover:** The remaining area within the landscape strip must be covered with shrubs, groundcover, or turf).

Required	Provided
10' buffer	10'
Canopy trees = 293.79 LF * 3/100 = 9	13
Accent trees = 293.79 LF *4/100 = 12	22
3 shrubs/10 LF x 283.04 LF = 85 Shrubs	85

3. Interior Parking Lot Landscaping

- **Trees:**
  - **Number/Coverage: one (1) shade tree per 10 number of parking spaces** (1/10 x 35 spaces = 4 trees), or 20% of the parking lot area (20% x 5,760 sf = 1,152 sf).
  - **Island Requirements:** Landscaped islands are typically required at the end of every parking row and within longer rows (e.g., for every 10-15 spaces). These islands must accommodate at least one large canopy tree.
- **Shrubs/Groundcover:** All areas within interior landscape islands and strips must be fully planted with shrubs, groundcover, or turf.

Required	Provided
1 canopy tree/10 parking spaces x 32 = 3 trees	5
Accent trees	3
Shrubs	50
5,760 sf x 20% = 1,152 sf	1,985 sf (34%)

LANDCAPE LEGEND

- CD COMMON BURMUDA GRASS SOD (1820SF)
- AS ASIATIC JASMINE (165 SF)
- RO TEXAS RED OAK (18 EA. 4" CALIPER SPACING PER PLAN)
- DW DESERT WILLOW (25 EA. 15 GAL SPACING PER PLAN)
- AEG EDWARD GOUCHER ABELIA (71 EA. 15 GAL 36" HEIGHT SPACED 36" O.C. MIN.)
- TS TEXAS SAGE (64 EA. 15 GAL 42" HEIGHT SPACED 36" O.C. MIN.)
- PROPOSED RETAINING WALL

PLANT LIST

SYMBOL	BOTANIC NAME	COMMON NAME	QTY.	UNIT	SIZE	NOTES
*						
GROUND COVER						
CD	CYNODON DACTYLON	TifTuf BERMUDA GRASS SOD	1820	SF		SOLID SOD PER INDUSTRY STANDARD
AS	TRACHELOSPERMUM	ASITIC JASMINE	165	SF		
*						
TREES AND SHRUBS						
RO	QUERCUS BUCKLEYI	TEXAS RED OAK	18	EA	4" CALIPER	SPACING PER PLAN
DW	CHILOPSIS LINEARIS	DESERT WILLOW	25	EA	15 GAL	SPACING PER PLAN
AEG	ABELIA X 'EDWARD GOUCHER'	EDWARD GOUCHER ABELIA	71	EA	15 GAL	36" HEIGHT SPACED 36" O.C. MIN.
TS	LEUCOPHYLLUM FRUTESCENS	TEXAS SAGE	64	EA	15 GAL	42" HEIGHT SPACED 36" O.C. MIN.

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_____ Planning & Zoning Commission, Chairman

_____ Director of Planning and Zoning

SP2026-015

Henry Nguyen Consulting, LLC
Civil Engineering
1330 Glenfield Ave, Dallas, Texas 75224
(214) 773-4075 Email: henguyen@swbell.net
Texas Registered Engineering Firm F-16239

REVISIONS

Date	Description	Approved

SKYRIDGE RETAIL BUILDING
2200 RIDGE ROAD
ROCKWALL, TEXAS 75087

DESIGN HNC
DRAWN HNC
DATE 05/24/2026
Job#: 25001

STATE OF TEXAS
HENRY T. NGUYEN
71065
LICENSED PROFESSIONAL ENGINEER

The seal appearing on this document was authorized by Henry Nguyen, P.E. 71065. Alteration of a sealed document with out proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.

LANDSCAPE PLAN

L1

May 24,2026 2:13pm henguy
C:\Users\henguy\OneDrive\Henry Nguyen Consulting\Projects\Active\25001-SKY RIDGE ADDITION\18-SHEET_SETS\L1-LANDSCAPE.dwg

GENERAL LAWN NOTES

1. ALL LANDSCAPE/TURF AREAS TO BE INSTALLED WITH AUTOMATIC IRRIGATION SYSTEM MEETING CITY AND TCEQ STANDARD.
2. CONTRACTOR SHALL LEAVE LAWN AREAS 4" BELOW FINAL FINISHED GRADE PRIOR TO TOPSOIL INSTALLATION.
3. CONTRACTOR TO APPLY 4" CLEAN TOPSOIL TO ALL TURF AREAS PRIOR TO INSTALLATION OF SOD OR HYDROMULCH
4. CONTRACTOR SHALL FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS AS INDICATED ON CIVIL PLANS. ADJUST CONTOURS TO ACHIEVE POSITIVE DRAINAGE AWAY FROM BUILDINGS. PROVIDE UNIFORM ROUNDING AT TOP AND BOTTOM OF SLOPES AND OTHER BREAKS IN GRADE. CORRECT IRREGULARITIES AND AREAS WHERE WATER MAY STAND.
5. LAWN AREAS SHALL BE FINE GRADED, IRRIGATION TRENCHES COMPLETELY SETTLED AND FINISH GRADE
6. REMOVE ROCKS 3/4" DIAMETER AND LARGER, DIRT CLODS, STICKS, CONCRETE SPOILS, ETC. PRIOR TO PLACING TOPSOIL AND LAWN INSTALLATION.
7. GUARANTEE ESTABLISHMENT OF ACCEPTABLE TURF AREA AND PROVIDE REPLACEMENT FROM LOCAL SUPPLY IF NECESSARY.
8. PLANT SOD BY HAND TO COVER INDICATED AREAS COMPLETELY, ENSURE EDGES OF SOD ARE TOUCHING. TOP DRESS JOINTS BY HAND WITH TOPSOIL TO FILL VOIDS.
9. ROLL GRASS AREAS TO ACHIEVE A SMOOTH, EVEN SURFACE, FREE FROM UNNATURAL UNDULATIONS.
10. WATER SOD THOROUGHLY AS SOD REESTABLISHMENT PROGRESSES.
11. IF INSTALLATION OCCURS BETWEEN SEPTEMBER 1 AND MARCH 1, OVER-SEED BERMUDA GRASS SOD WITH WINTER RYEGRASS, AT A RATE OF FOUR (4) POUNDS PER ONE THOUSAND (1000) SQUARE FEET.

CUSTOM PLANTING SOIL:

AMENDED SOIL (IN SHRUB PLANTING BEDS & AT TREES)
PRODUCT: LANDSCAPERS BLEND (50/50)
DEPTH: 6" (TILLED INTO 6" OF EXISTING SOIL FOR A TOTAL DEPTH OF 12")
SUPPLIER: SOIL BUILDING SYSTEMS
CONTACT: 972-831-8181
INSTALLATION: PER SOIL BUILDING SYSTEMS SPECIFICATIONS

STEEL EDGING:

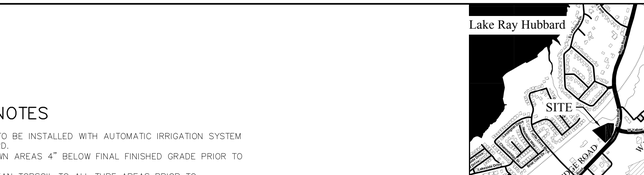
METAL EDGING TO SEPARATE PLANTING BEDS FROM ADJACENT TURF
PRODUCT: DURAEDGE
SIZE: 3/16" THICK x 4" HEIGHT x 16' LENGTH

NOTES: METAL EDGING SHALL NOT BE INSTALLED PARALLEL AGAINST CURBS AND SIDEWALKS. METAL EDGING SHALL BE TRIMMED WHERE IT ABUTTS SIDEWALKS AND CURBS TO AVOID SHARP EDGES.

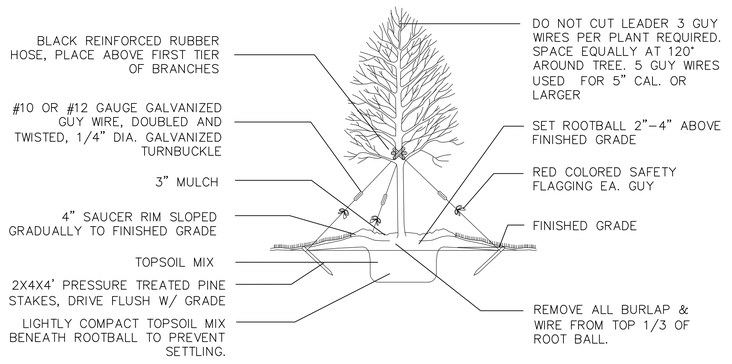
IRRIGATION:

ALL REQUIRED LANDSCAPE AREAS SHALL HAVE AN AUTOMATIC IRRIGATION SYSTEM WITH A FREEZE/RAIN SENSOR. SYSTEM SHALL ALSO HAVE AN ET WEATHER BASED CONTROLLER AND BE DESIGNED AND INSTALLED BY A LICENSED IRRIGATOR. THE IRRIGATION WILL MEET THE REQUIREMENT OF THE UDC.

VICINITY MAP
(NTS)



A SHRUB PLANTING DETAIL
SCALE: NONE



B TREE PLANTING DETAIL
SCALE: NONE

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SP2026-015

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REVISIONS

Date	Description	Approved

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ROCKWALL, TEXAS 75087

DESIGN HNC
DRAWN HNC
DATE 05/22/2026
Job#: 25001

STATE OF TEXAS
HENRY T. NGUYEN
71065
REGISTERED PROFESSIONAL ENGINEER

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LANDSCAPE PLAN

L2

May 22,2026 5:35pm henguy
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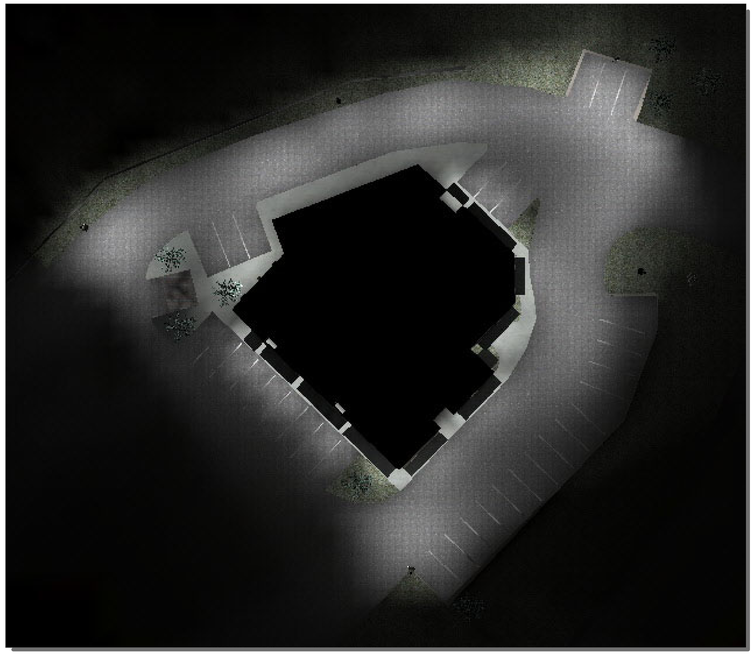

BIRD'S EYE VIEW

RENDERING FROM SOUTH-EAST

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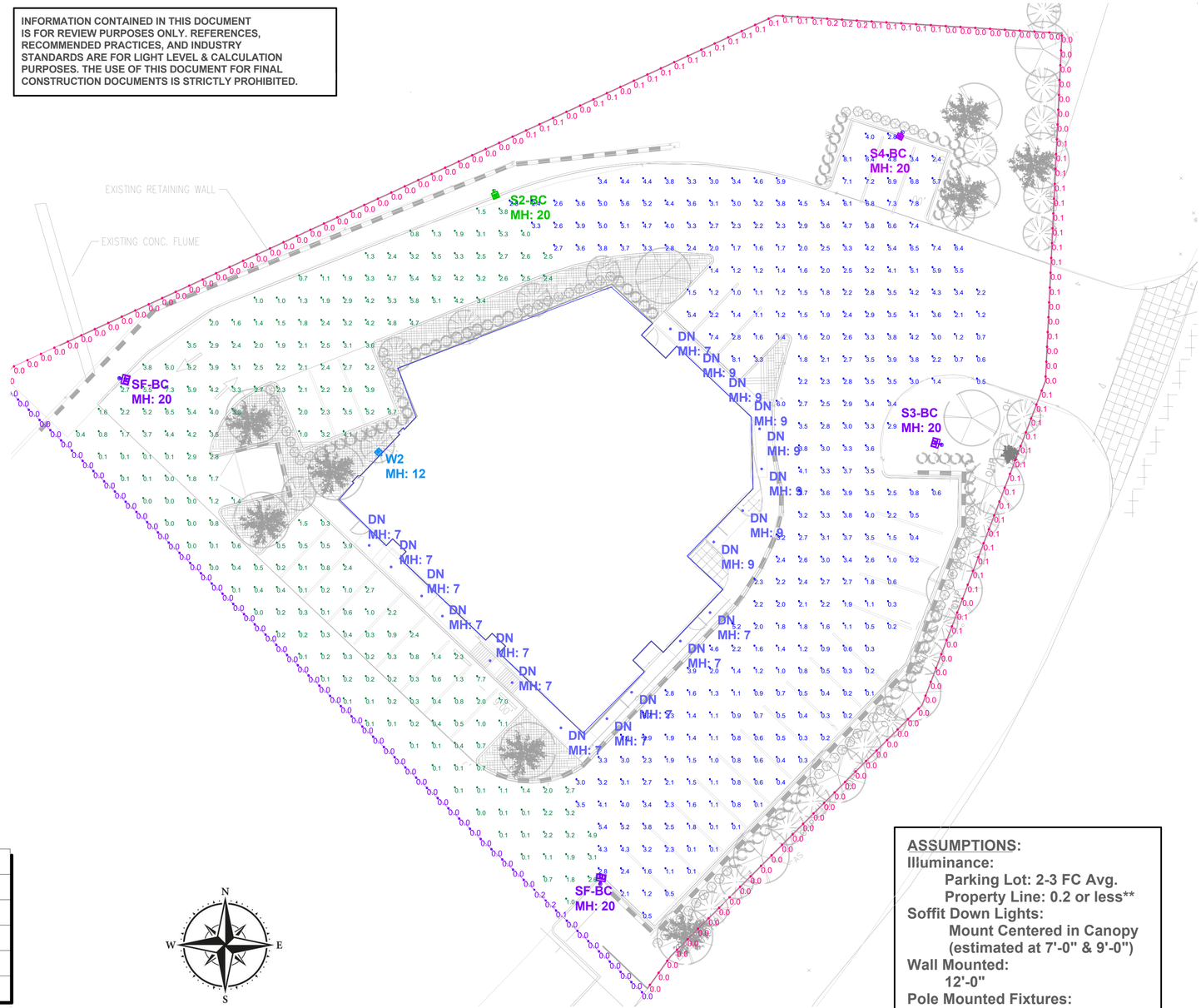

SITE LIGHTING PHOTOMETRICS

CALCULATION SUMMARY IN FOOT-CANDLES				
AREA	Avg	Max	Min	Max/Min
PROPERTY LINE	0.0	0.2	0.0	N.A.
SHARED PARKING LOT	0.0	0.2	0.0	N.A.
SOUTH-WEST PARKING	2.0	7.7	0.0	N.A.
NORTH- EAST PARKING	2.7	8.1	0.1	81.0

**The allowable maximum light intensity measured at the property line of a non-residential property shall be 0.2 of one foot candle.

ASSUMPTIONS:
Illuminance:
Parking Lot: 2-3 FC Avg.
Property Line: 0.2 or less**
Soffit Down Lights:
Mount Centered in Canopy (estimated at 7'-0" & 9'-0")
Wall Mounted:
12'-0"
Pole Mounted Fixtures:
20'-0" Pole and Base
Calculations Points @ Grade

LIGHTING FIXTURE SCHEDULE

SYB.	TAG	QTY.	MODEL	DISCRIPTION	LLF	WATTS	LUMENS
	DN	19	NU4-RD-SW-30LM-30K-LOPRO	ALAPHABET-4 IN- ROUND-3000°K-LOW PROFILE HOUSING	0.900	26.72	2234
	S2-BC	1	VP-2-320L-235-3K7-2-BC	BEACON VIPER-MICROSTRIKE-3000°K-TYPE II -BACK CONTROL	0.900	238	16185
	S3-BC	1	VP-2-320L-235-3K7-3-BC	BEACON VIPER-MICROSTRIKE-3000°K-TYPE III -BACK CONTROL	0.900	238	18264
	S4-BC	1	VP-2-320L-210-3K7-4W-BC	BEACON VIPER-MICROSTRIKE-3000°K-TYPE IV -BACK CONTROL	0.900	213.9	15600
	SF-BC	2	VP-2-320L-145-3K7-4F-HSS-270-BSS	BEACON VIPER-MICROSTRIKE-3000°K-TYPE IV FORWRD-OPTICS	0.900	145.6	14491
	W2	1	VPW2-18L-39-3K7-2	BEACON VIPER-WALL PACK-3000°K-TYPE II OPTICS	0.900	38.8	4683

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convergence
103 E 18th Avenue
North Kansas City, MO 64116
Phone: (816) 581-6300

SKYRIDGE RETAIL
LOT 2 - 2200 RIDGE RD,
ROCKWALL, TX 75087

CALC-0242-SKYRIDGE RETAIL-ROCKWALL-TX-REV-04

DESIGNED BY:	RMD
REVISIONS	
REV-01: NEW PLAN & PL REQ.	
REV-02: ADD NEW CIVIL DWG	
REV-03: PROPERTY LINE =< 0.2	
REV-04: NEW SITE-LANDSCAPE	
DATE:	5/27/2026

REV-04

BEACON
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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

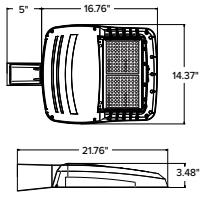
MICRO STRIKE | SILICONE STRIKE | OPTICS STRIKE

FEATURES

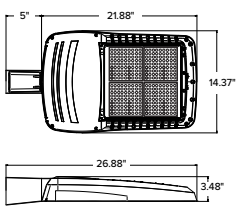
- Low profile LED area/site luminaire with a variety of IES distributions for lighting applications such as auto dealership, retail, commercial, and campus parking lots
- Featuring two different optical technologies, Strike and Micro Strike Optics, which provide the best distribution patterns for retrofit or new construction
- Rated for high vibration applications including bridges and overpasses. All sizes are rated for 1.5G
- Control options including photo control, occupancy sensing, NX Lighting Controls™, LightGRID+ and 7-Pin with networked controls
- New customizable lumen output feature allows for the wattage and lumen output to be customized in the factory to meet whatever specification requirements may entail
- Field interchangeable mounting provides additional flexibility after the fixture has shipped

c UL us IP65 IP66 DLC LISTED DLC LISTED PREMIUM ida DARK SKY APPROVED 2016 BAA TAA

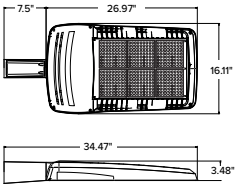
SIZE 1



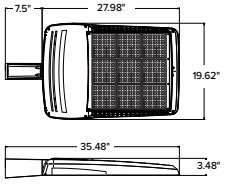
SIZE 2



SIZE 3



SIZE 4



CONTROL TECHNOLOGY

NX CONNECT NX WIRED NX WIRELESS LIGHTGRID+

SERVICE PROGRAMS

STOCK QS10

SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with 1000 hour powder coat paint finish
- External hardware is corrosion resistant

OPTICS

- Micro Strike Optics (160, 320, 480, or 720 LED counts) maximize uniformity in applications and come standard with mid-power LEDs which evenly illuminate the entire luminous surface area to provide a low glare appearance. Catalog logic found on page 2
- Strike Optics (36, 72, 108, or 162 LED counts) provide best in class distributions and maximum pole spacing in new applications with high powered LEDs. Strike optics are held in place with a polycarbonate bezel to mimic the appearance of the Micro Strike Optics so both solutions can be combined on the same application. Catalog logic found on page 3
- Silicone Strike Optics (40, 80, 120, or 180 LED counts) maximize uniformity in applications and provides the highest LPW. These include an integral gasket allowing for IP66 rating. Catalog logic found on page 4.
- All optics maximize target zone illumination with minimal losses at the house-side, reducing light trespass issues. Additional backlight control shields and house side shields can be added for further reduction of illumination behind the pole
- One-piece silicone gasket ensures a weatherproof seal
- Zero up-light at 0 degrees of tilt
- Field rotatable optics

INSTALLATION

- Mounting patterns for each arm can be found on page 11
- Optional universal mounting block for ease of installation during retrofit applications. Available as an option (ASQU) or accessory for square and round poles
- All mounting hardware included

INSTALLATION (CONTINUED)

- Knuckle arm fitter option available for 2-3/8" OD tenon
- For products with EPA less than 1 mounted to a pole greater that 20ft, a vibration damper is recommended

ELECTRICAL

- Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz
- Ambient operating temperature -40˚C to 40˚C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- Field replaceable surge protection device provides 20kA protection meeting ANSI/ IEEE C62.41.2 Category C High and Surge Location Category C3; Automatically takes fixture off-line for protection when device is compromised
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options cannot be combined

CONTROLS

- Photo control, occupancy sensor programmable controls, and Zigbee wireless controls available for complete on/off and dimming control
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- 0-10V Dimming Drivers are standard. Select CD option to have dimming leads extended outside the luminaire. Must specify if wiring leads are to be greater than the 6" standard.

	EPA				
	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	Config.
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	
Four at 90	1.166	1.422	1.714	1.896	

CONTROLS (CONTINUED)

- NX Lighting Controls™ available with in fixture wireless control module, features dimming and occupancy sensor
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor. Also available in 7-pin configuration

CERTIFICATIONS

- DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Not all product variations listed in this document are DLC® qualified. Refer to http://www.designlights.org for the most up-to-date list.
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40˚C ambient temperatures
- 1.5 G rated for ANSI C136.31 high vibration applications
- Fixture is IP65 rated with Strike and Microstrike optics. Fixture is IP66 rated with Silicone Strike optics.
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy America(n) Solutions (link to https://www.currentlighting.com/resources/america-solutions).
- FCC CFR Title 47 Part 15, Class A

WARRANTY

- 5 year warranty

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

MICROSTRIKE OPTICS – ORDERING GUIDE

Gray Shading = Service Program Limit of 15 luminaires QS10

Example: VP–2–320L-145–3K7–2–R–UNV–A3–BLT

CATALOG #

VP –

Series	
VP	Viper

–

Optic Platform	
Micro Strike	

–

Size	
1	Size 1
2	Size 2
3	Size 3
4	Size 4

–

Light Engine	
160L-35 [6]	5500 lumens
160L-50 [6]	7500 lumens
160L-75	10000 lumens
160L-100	12500 lumens
160L-115	15000 lumens
160L-135	18000 lumens
160L-160	21000 lumens
320L-145	21000 lumens
320L-170	24000 lumens
320L-185	27000 lumens
320L-210	30000 lumens
320L-235	33000 lumens
320L-255	36000 lumens
320L-315 [6]	40000 lumens
480L-285	40000 lumens
480L-320	44000 lumens
480L-340	48000 lumens
480L-390	52000 lumens
480L-425	55000 lumens
480L-470	60000 lumens
720L-435	60000 lumens
720L-475	65000 lumens
720L-515	70000 lumens
720L-565 [6]	75000 lumens
720L-600 [6]	80000 lumens
CLO	Custom Lumen Output [1]

–

CCT/CRI	
AP	AP-Amber Phosphor Converted
27K8	2700K, 80 CRI
3K7	3000K, 70 CRI
3K8	3000K, 80 CRI
35K8	3500K, 80 CRI
3K9	3000K, 90 CRI
4K7	4000K, 70 CRI
4K8	4000K, 80 CRI
4K9	4000K, 90 CRI
5K7	5000K, 70 CRI
5K8	5000K, 80 CRI

–

Distribution	
2	Type 2
3	Type 3
4F	Type 4 Forward
4W	Type 4 Wide
5QW	Type 5 Square Wide

–

Optic Rotation	
BLANK	**No Rotation**
L	Optic rotation left
R	Optic rotation right

–

Voltage	
UNV	120-277V
120	120V
208	208V
240	240V
277	277V
347	347V
480	480V

–

Mounting	
A	Arm mount for square pole/flat surface (B3 Drill Pattern) (Does not include round pole adapter)
A_	Arm mount for round pole [2]
ASQU	Universal arm mount for square pole. Can be used with B3 or S2 Drill Pattern
A_U	Universal arm mount for round pole [2]
AAU	Adjustable arm for pole mounting (universal drill pattern)
AA_U	Adjustable arm mount for round pole [2]
ADU	Decorative upswept Arm (universal drill pattern)
AD_U	Decorative upswept arm mount for round pole [2]
MAF	Mast arm fitter for 2-3/8" OD horizontal arm
K	Knuckle
T	Trunnion
WB	Wall Bracket, horizontal tenon with MAF
WM	Wall mount bracket with decorative upswept arm
WA	Wall mount bracket with adjustable arm

–

Color	
BLT	Black Matte Textured
BLS	Black Gloss Smooth
DBT	Dark Bronze Matte Textured
DBS	Dark Bronze Gloss Smooth
GTT	Graphite Matte Textured
LGS	Light Grey Gloss Smooth
LGT	Light Grey Gloss Textured
PSS	Platinum Silver Smooth
WHT	White Matte Textured
WHS	White Gloss Smooth
VGT	Verde Green Textured

Color Option	
CC	Custom Color

–

Options	
F	Fusing
2PF	Dual Power Feed
2DR	Dual Driver
TE	Tooless Entry
BC	Backlight Control [8]
TB	Terminal Block
CD	Customer Dimming

–

Network Control Options	
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,3,4]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,3,4]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [3,4]
WIR	LightGRID+ In-Fixture Module [3,4]
WIRSC	LightGRID+ Module and Occupancy Sensor [3,4]
Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
7PR	7-Pin Receptacle [4]
7PR-SC	7-Pin Receptacle with shorting cap [4]
7PR-TL	7-Pin PCR with photocontrol
3PR	3-Pin twist lock [4]
3PR-SC	3-Pin receptacle with shorting cap [4]
3PR-TL	3-Pin PCR with photocontrol [4]
Programmed Controls	
SCP-_F	Sensor Control Programmable, 8F or 40F [9]
ADD	AutoDim Timer Based Dimming [10]
ADT	AutoDim Time of Day Dimming [10]

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information
2 – Replace "_" with "3" for 3.5"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
3 – Networked Controls cannot be combined with other control options
4 – Not available with 2PF option
5 – Not available with Dual Driver option
6 – Some voltage restrictions may apply when combined with controls
7 – Not available with 480V
8 – BC not available on 4F and type 5 distributions
9 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.
10 - Please refer to page 8 for AutoDim ordering guide

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DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

STRIKE OPTIC – ORDERING GUIDE

Example: VP–ST–1–36L-39–3K7–2–UNV–A–BLT

CATALOG #

VP –

Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper	**ST** Strike	**1** Size 1	**36L-39** [8] 5500 lumens	**AM** monochromatic amber, 595nm	**FR** Auto Front Row	**BLANK** No Rotation	**UNV** 120-277V
			36L-55 [8] 7500 lumens	**27K8** 2700K, 80 CRI	**2** Type 2	**L** Optic rotation left	**120** 120V
			36L-85 10000 lumens	**3K7** 3000K, 70 CRI	**3** Type 3	**R** Optic rotation right	**208** 208V
			36L-105 12500 lumens	**3K8** 3000K, 80 CRI	**4F** Type 4 Forward		**240** 240V
			36L-120 14000 lumens	**3K9** 3000K, 90 CRI	**4W** Type 4 Wide		**277** 277V
		2 Size 2	**72L-115** 15000 lumens	**35K8** 3500K, 80 CRI	**5QN** Type 5 Square Narrow		**347** 347V
			72L-145 18000 lumens	**4K7** 4000K, 70 CRI	**5QW** Type 5 Square Wide		**480** 480V
			72L-180 21000 lumens	**4K8** 4000K, 80 CRI	**5QM** Type 5 Square Medium		
			72L-210 24000 lumens	**4K9** 4000K, 90 CRI	**5W** Type 5 Wide (Round)		
			72L-240 27000 lumens	**5K7** 5000K, 70 CRI	**5RW** Type 5 Rectangular		
		3 Size 3	**108L-215** [8] 27000 lumens	**5K8** 5000K, 80 CRI	**C** Corner Optic		
			108L-250 30000 lumens		**TC** Tennis Court Optic		
			108L-280 33000 lumens				
			108L-325 36000 lumens				
			108L-365 40000 lumens				
		4 Size 4	**162L-320** 40000 lumens				
			162L-365 [10] 44000 lumens				
			162L-405 48000 lumens				
			162L-445 52000 lumens				
			162L-485 55000 lumens				
			162L-545 [8] 60000 lumens				
			CLO Custom Lumen Output [1]				

–

Mounting	Color	Options
A Arm mount for square pole/flat surface	**BLT** Black Matte Textured	**F** Fusing
A_ Arm mount for round pole [3]	**BLS** Black Gloss Smooth	**E** Battery Backup [1,2,7,8,9]
ASQU Universal arm mount for square pole	**DBT** Dark Bronze Matte Textured	**2PF** Dual Power Feed
A_U Universal arm mount for round pole [3]	**DBS** Dark Bronze Gloss Smooth	**2DR** Dual Driver
AAU Adjustable arm for pole mounting (universal drill pattern)	**GTT** Graphite Matte Textured	**TE** Tooless Entry
AA_U Adjustable arm mount for round pole [3]	**LGS** Light Grey Gloss Smooth	**BC** Backlight Control
ADU Decorative upswept Arm (universal drill pattern)	**LGT** Light Grey Gloss Textured	**TB** Terminal Block
AD_U Decorative upswept arm mount for round pole [3]	**PSS** Platinum Silver Smooth	**CD** Customer Dimming
MAF Mast arm fitter for 2-3/8" OD horizontal arm	**WHT** White Matte Textured	
K Knuckle	**WHS** White Gloss Smooth	
T Trunnion	**VGT** Verde Green Textured	
WB Wall Bracket, horizontal tenon with MAF	**Color Option**	
WM Wall mount bracket with decorative upswept arm	**CC** Custom Color	
WA Wall mount bracket with adjustable arm		

Network Control Options	
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [4,5]
WIR	LightGRID+ In-Fixture Module [4,5]
WIRSC	LightGRID+ Module and Occupancy Sensor [4,5]
Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
7PR	7-Pin Receptacle [4]
7PR-SC	7-Pin Receptacle with shorting cap [4]
7PR-TL	7-Pin PCR with photocontrol
3PR	3-Pin twist lock [4]
3PR-SC	3-Pin receptacle with shorting cap [4]
3PR-TL	3-Pin PCR with photocontrol [4]
Programmed Controls	
SCP-_F	Sensor Control Programmable, 8F or 40F [11]
ADD	AutoDim Timer Based Dimming [12]
ADT	AutoDim Time of Day Dimming [12]

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information
2 – Battery temperature rating -20C to 55C
3 – Replace "_" with "3" for 3.5"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
4 – Networked Controls cannot be combined with other control options
5 – Not available with 2PF option
6 – Not available with 480V
7 – Not available with 347 or 480V
8 – Not available with Dual Driver option
9 – Only available in Size 1 housing, up to 105 Watts
10 – Some voltage restrictions may apply when combined with controls
11 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.
12 - Please refer to page 8 for AutoDim ordering guide

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

SILICONE STRIKE OPTIC – ORDERING GUIDE

Example: VP-SS-1-40L-75-4K7-4W-UNV-ASQU-BLT

CATALOG #

VP – | – | – | – | – | – | – | – | –

Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper	**SS** Strike Silicone	**1** Size 1	**40L-35** 35W, 5,500 Lumens	**22K7** 2200K, 70 CRI	**2** Type 2	**BLANK** No Rotation	**UNV** 120-277V
			40L-55 55W, 7,500 Lumens	**27K7** 2700K, 70 CRI	**3** Type 3	**L** Optic rotation left	**120** 120V
			40L-65 65W, 10,000 Lumens	**27K8** 2700K, 80 CRI	**4W** Type 4 Wide	**R** Optic rotation right	**208** 208V
			40L-80 80W, 12,500 Lumens	**3K7** 3000K, 70 CRI	**4F** Type 4 Forward		**240** 240V
			40L-100 100W, 15,000 Lumens	**3K8** 3000K, 80 CRI	**5QM** Type 5 Square Medium		**277** 277V
			40L-120 120W, 17,500 Lumens	**35K8** 3500K, 80 CRI	**5QW** Type 5 Square Wide		**347** 347V
			40L-140 140W, 20,000 Lumens	**4K7** 4000K, 70 CRI			**480** 480V
			40L-170 170W, 22,500 Lumens	**4K8** 4000K, 80 CRI			
			40L-195 195W, 25,000 Lumens	**5K7** 5000K, 70 CRI			
		2 Size 2	**80L-75** 75W, 12,500 Lumens	**5K8** 5000K, 80 CRI			
			80L-90 90W, 15,000 Lumens				
			80L-105 105W, 17,500 Lumens				
			80L-130 130W, 21,000 Lumens				
			80L-155 155W, 24,000 Lumens				
			80L-175 175W, 27,000 Lumens				
			80L-205 205W, 30,000 Lumens				
			80L-225 225W, 33,000 Lumens				
			80L-250 250W, 36,000 Lumens				
			80L-280 280W, 40,000 Lumens				
		3 Size 3	**120L-190** 190W, 30,000 Lumens				
			120L-205 205W, 33,000 Lumens				
			120L-230 230W, 36,000 Lumens				
			120L-265 265W, 40,000 Lumens				
			120L-295 295W, 44,000 Lumens				
			120L-320 320W, 48,000 Lumens				
			120L-355 355W, 52,000 Lumens				
			120L-380 380W, 55,000 Lumens				
			120L-420 420W, 60,000 Lumens				
		4 Size 4	**180L-275** 275W, 44,000 Lumens				
			180L-295 295W, 48,000 Lumens				
			180L-335 335W, 52,000 Lumens				
			180L-360 360W, 55,000 Lumens				
			180L-395 395W, 60,000 Lumens				
			180L-435 435W, 65,000 Lumens				
			180L-470 470W, 70,000 Lumens				
			180L-510 510W, 75,000 Lumens				
			180L-550 550W, 80,000 Lumens				

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VIPER Area/Site

VIPER LUMINAIRE

SILICONE STRIKE OPTIC – ORDERING GUIDE (CONTINUED)

Mounting	
A	Arm mount for square pole/flat surface
A_	Arm mount for round pole [3]
ASQU	Universal arm mount for square pole
A_U	Universal arm mount for round pole [3]
AAU	Adjustable arm for pole mounting (universal drill pattern)
AA_U	Adjustable arm mount for round pole [3]
ADU	Decorative upswept Arm (universal drill pattern)
AD_U	Decorative upswept arm mount for round pole [3]
MAF	Mast arm fitter for 2-3/8" OD horizontal arm
K	Knuckle
T	Trunnion
WB	Wall Bracket, horizontal tenon with MAF
WM	Wall mount bracket with decorative upswept arm
WA	Wall mount bracket with adjustable arm

Color	
BLT	Black Matte Textured
BLS	Black Gloss Smooth
DBT	Dark Bronze Matte Textured
DBS	Dark Bronze Gloss Smooth
GTT	Graphite Matte Textured
LGS	Light Grey Gloss Smooth
LGT	Light Grey Gloss Textured
PSS	Platinum Silver Smooth
WHT	White Matte Textured
WHS	White Gloss Smooth
VGT	Verde Green Textured

Color Option	
CC	Custom Color

Options	
BC	Backlight Control (3%)
MBC	Max Backlight Control (1.5%)
LCC	Left Corner Control
RCC	Right Corner Control
F	Fusing
E	Battery Backup [1,2,7,8,9]
2PF	Dual Power Feed
2DR	Dual Driver
TE	Tooless Entry
TB	Terminal Block
CD	Customer Dimming

Network Control Options	
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [4,5]
WIR	LightGRID+ In-Fixture Module [4,5]
WIRSC	LightGRID+ Module and Occupancy Sensor [4,5]

Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
7PR	7-Pin Receptacle [4]
7PR-SC	7-Pin Receptacle with shorting cap [4]
7PR-TL	7-Pin PCR with photocontrol
3PR	3-Pin twist lock [4]
3PR-SC	3-Pin receptacle with shorting cap [4]
3PR-TL	3-Pin PCR with photocontrol [4]

Programmed Controls	
SCP-_F	Sensor Control Programmable, 8F or 40F [11]
ADD	AutoDim Timer Based Dimming [12]
ADT	AutoDim Time of Day Dimming [12]

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information
2 – Battery temperature rating -20C to 55C
3 – Replace "_" with "3" for 3.5"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
4 – Networked Controls cannot be combined with other control options
5 – Not available with 2PF option
6 – Not available with 480V
7 – Not available with 347 or 480V
8 – Not available with Dual Driver option
9 – Only available in Size 1 housing, up to 105 Watts
10 – Some voltage restrictions may apply when combined with controls
11 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.
12 - Please refer to page 8 for AutoDim ordering guide

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VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

ORDERING GUIDE (CONT'D)

CATALOG #

Accessory Type		Size		Option		Color	
SHD	Shield	**1**	Size 1	**HSS-90-B**	House Side Shield 90° Back	**BLS**	Black Gloss Smooth
		2	Size 2	**HSS-90-F**	House Side Shield 90° Front	**BLT**	Black Matte Textured
		3	Size 3	**HSS-90-S**	House Side Shield 90° Side	**DBS**	Dark Bronze Gloss Smooth
		4	Size 4	**HSS-270-BSS**	House Side Shield 270° Back/Side/Side	**DBT**	Dark Bronze Matte Textured
				HSS-270-FSS	House Side Shield 270° Front/Side/Side	**GTT**	Graphite Matte Textured
				HSS-270-FSB	House Side Shield 270° Front/Side/Back	**LGS**	Light Gray Gloss Smooth
				HSS-360	House Side Shield 360°	**PSS**	Platinum Silver Smooth
				BC	Back Light Control	**WHS**	White Gloss Smooth
MTG	Mounting			**A**	Arm Mount for square pole/flat surface	**WHT**	White Matte Textured
				ASQU	Universal Arm Mount for square pole	**VGT**	Green Landscape Decorative
				AAU	Adjustable Arm for pole mounting	**LEG**	Legacy Colors
				ADU	Decorative upswept Arm	**Color Option**	
				RPA	Round Pole Adapter	**CC**	Custom Color
				MAF	Mast Arm Fitter for 2-3/8" OD horizontal arm		
				K	Knuckle		
				T	Trunnion		
				WB	Wall Bracket (compatible with universal arm mounts)		

Accessory Type		Option	
MSC	Miscellaneous	**BIRD SPK**	Bird Spike

Current Control Solutions — Accessories (Sold Separately)

NX Lighting Controls

☐ **NXOFM2-1R1D-UNV** On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with NX Radio and Bluetooth® Radio, 120–480VAC

LightGRID+ Lighting Control

☐ **WIR-RME-L** On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with LightGRID+ Radio, 110–480VAC

☐ **SCP-REMOTE** Remote Control for SCP/_F option. Order at least one per project to program and control the occupancy sensor

For additional information related to these accessories please visit currentlighting.com/beacon. Options provided for use with integrated sensor, please view specification sheet ordering information table for details.

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DATE: LOCATION:

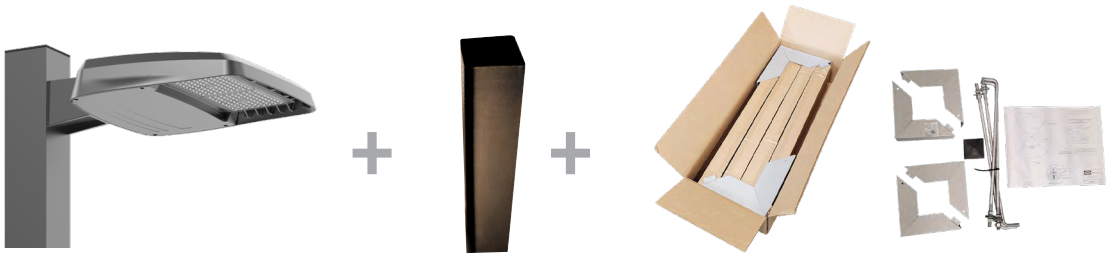
TYPE: PROJECT:

CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

VIPER POLE EXPRESS COMBO – ORDERING GUIDE



Catalog Number	Pole	Single or Double Head	Fixture	Lumens*	Wattage	Distribution	CCT/CRI	Mounting	Finish
VP-1-160-4K-3-LS-S20	**20' Square Straight Steel**	Single	**VP-1-160-4K-3-LS**	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S20-2X	**20' Square Straight Steel**	Double	**VP-1-160-4K-3-LS**	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S20	**20' Square Straight Steel**	Single	**VP-1-160-4K-4F-LS**	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S20-2X	**20' Square Straight Steel**	Double	**VP-1-160-4K-4F-LS**	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S25	**25' Square Straight Steel**	Single	**VP-1-160-4K-3-LS**	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-3-LS-S25-2X	**25' Square Straight Steel**	Double	**VP-1-160-4K-3-LS**	19584	158W	Type 3	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S25	**25' Square Straight Steel**	Single	**VP-1-160-4K-4F-LS**	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-4K-4F-LS-S25-2X	**25' Square Straight Steel**	Double	**VP-1-160-4K-4F-LS**	19426	158W	Type 4F	4000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S20	**20' Square Straight Steel**	Single	**VP-1-160-5K-3-LS**	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S20-2X	**20' Square Straight Steel**	Double	**VP-1-160-5K-3-LS**	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S20	**20' Square Straight Steel**	Single	**VP-1-160-5K-4F-LS**	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S20-2X	**20' Square Straight Steel**	Double	**VP-1-160-5K-4F-LS**	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S25	**25' Square Straight Steel**	Single	**VP-1-160-5K-3-LS**	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-3-LS-S25-2X	**25' Square Straight Steel**	Double	**VP-1-160-5K-3-LS**	19499	158W	Type 3	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S25	**25' Square Straight Steel**	Single	**VP-1-160-5K-4F-LS**	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured
VP-1-160-5K-4F-LS-S25-2X	**25' Square Straight Steel**	Double	**VP-1-160-5K-4F-LS**	19186	158W	Type 4F	5000K/70CRI	Universal Arm	Dark Bronze Textured

VIPER POLE EXPRESS COMBO – STOCK LUMINAIRE SKUS

Catalog Number	Lumens	LPW	Distribution	Wattage	CCT/CRI	Voltage	Mounting	Finish
VP-1-160-4K-3-LS	19584	123.9	3	158W	4000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-4K-4F-LS	19426	122.9	4F	158W	4000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-5K-3-LS	19499	123.4	3	158W	5000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured
VP-1-160-5K-4F-LS	19186	121.4	4F	158W	5000K/70CRI	120-277V	Universal Arm with RPA (A3U)	Dark Bronze Textured

VIPER POLE EXPRESS COMBO – ACCESSORIES

Catalog Number	Description
VM14DB	Vibration Dampener, mounts to top of pole for reduced vibration

VM14DB

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VIPER Area/Site

VIPER LUMINAIRE

OUTDOOR LIGHTING CONTROLS OPTIONS

CONTROLS FUNCTIONALITY

LIGHTGRID+ NX LIGHTING CONTROLS MOBILE APP

	Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components	
			Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height		
NX Wireless	NXOFM2-1R1D-UNV	NX 7-Pin Twist-Lock® with NX Networked Wireless Radio, Integral Automatic Dimming Photocell, Integral Single Pole Relay with Dimming, and Bluetooth Programming	✓	✓	✓	Paired with external control	✓	✓	✓	✓	–		NXOFM-1R1D-UV
	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	✓	✓	✓	–	–	✓	✓	✓	–		NXRM2-H
	NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	12ft		NXSMP2-OMNI-O
	NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	16ft		NXSMP2-LMO
	NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	40ft		NXSMP2-HMO
LightGRID+	WIR	LightGRID+ In-Fixture Module	✓	–	✓	–	–	✓	✓	Gateway	–		WIR
	WIR-RME-L	LightGRID+ On Fixture Module	✓	–	✓	–	–	✓	✓	Gateway	–		WIR-RME-L
	WIRSC	LightGRID+ Module and Occupancy Sensor	✓	✓	✓	✓	✓	✓	✓	Gateway	14ft - 40ft		BTMSP
Independent	BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	12ft		BTSMP-OMNI-O
	BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	14ft		BTSMP-LMO
	BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	40ft		BTSMP-HMO

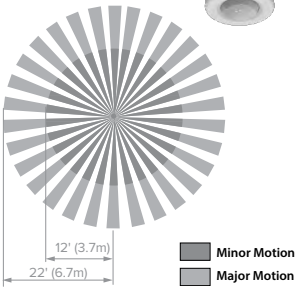
DEFAULT SETTINGS

NX Wireless	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	15 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	0%
Daylight Sensor	Disabled
Bluetooth	Enabled
2.4GHz Wireless Mesh	On
"Passcode Factory Passcode: HubbN3T!"	Enabled

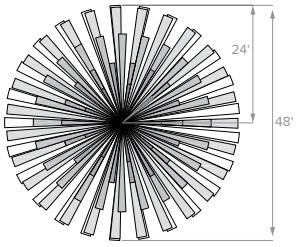
Stand Alone	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	8 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	50%
Daylight Sensor	Disabled

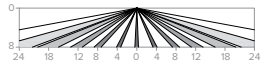
NX WIRELESS COVERAGE PATTERNS

NXSMP2-OMNI



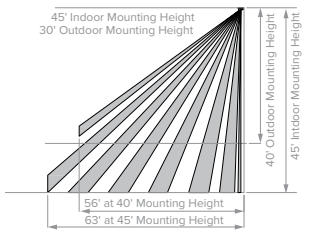
NXSMP2-LMO





Sensor Lens Coverage and Detection Patterns When Mounted at 8ft with Low Mount Lens

NXSMP2-HMO



Sensor Lens Coverage and Detection Patterns When Mounted at 40ft and 45ft with Standard Lens

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VIPER Area/Site

VIPER LUMINAIRE

DATE: | LOCATION:

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NX LIGHTING CONTROLS FREE APP

The NX Lighting Controls App is free to use mobile application for programming both NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enable luminiares and program NX system settings.

Apple App: https://apps.apple.com/us/app/nx-lighting-controls/id962112904

Google Play: https://play.google.com/store/apps/details?id=io.cordova.NXBTR&hl=en_US&gl=US

Apple App

Google Play

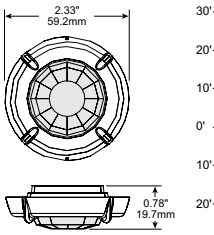
CONTROLS TECH SUPPORT 800-888-8006 (7:00 AM - 7:00 PM)

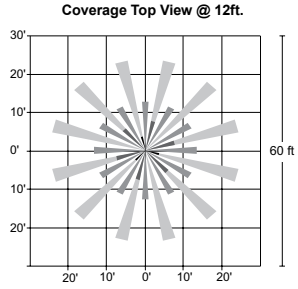
OUTDOOR LIGHTING CONTROLS OPTIONS

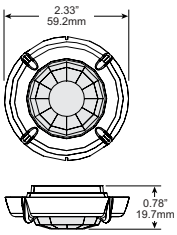
CONTROLS FUNCTIONALITY

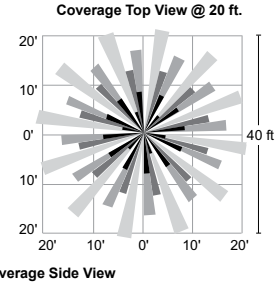
	Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components
			Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height	
Independent	SCP_F	Sensor Control Programmable, 8F or 40F	–	–	–	✓	✓	✓	✓	–	8ft or 40ft	SCP_F
	ADD	AutoDIM Timer Based Dimming	–	–	✓	–	–	–	✓	–	–	ADD
	ADT	AutoDIM Time of Day Dimming	–	–	✓	–	–	–	✓	–	–	ADT
	7PR	7-Pin Receptacle	–	–	Paired with external control	–	Paired with external control	–	Paired with external control	–	–	7PR
	7PR-SC	7-Pin Receptacle with shorting cap	–	–	–	–	–	–	–	–	–	7PR-SC
	3PR	3-Pin twist lock	–	–	–	–	–	–	Paired with external control	–	–	3PR
	3PR-SC	3-Pin Receptacle with shorting cap	–	–	–	–	–	–	–	–	–	3PR-SC
	3PR-TL	3-Pin with photocontrol	–	–	–	–	✓	–	✓	–	–	3PR-TL

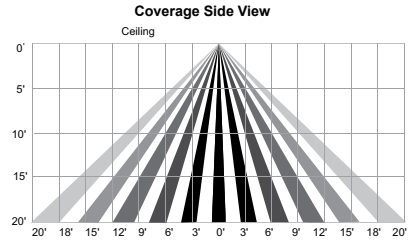
COVERAGE PATTERNS FOR SCP_F



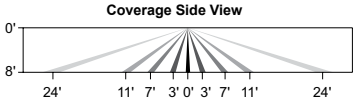


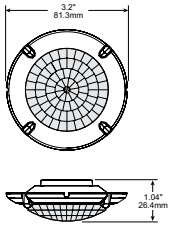


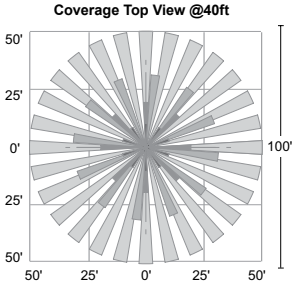


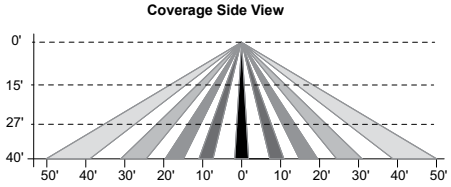


Coverage Side View









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VIPER Area/Site

VIPER LUMINAIRE

PROGRAMMED CONTROLS

ADD-AutoDim Timer Based Options

- Light delay options from 1-9 hours after the light is turned on to dim the light by 10-100%. To return the luminaire to its original light level there are dim return options from 1-9 hours after the light has been dimmed previously.

EX: ADD-6-5-R6

ADD Control Options	Configurations Choices	Example Choice Picked
Auto-Dim Options	1-9 Hours	6 - Delay 6 hours
Auto-Dim Brightness	10-100% Brightness	5 - Dim to 50% brightness
Auto-Dim Return	Delay 0-9 Hours	R6 - Return to full output after 6 hours

ADT-AutoDim Time of Day Based Option

- Light delay options from 1AM-9PM after the light is turned on to dim the light by 10-100%. To return the luminaire to its original light level there are dim return options from 1AM-9PM after the light has been dimmed previously.

EX: ADT-6-5-R6

ADD Control Options	Configurations Choices	Example Choice Picked
Auto-Dim Options	12-3 AM and 6-11 PM	6 - Dim at 6PM
Auto-Dim Brightness	10-100% Brightness	5 - Dim to 50%
Auto-Dim Return	12-6 AM and 9-11P	R6 - Return to full output at 6AM

ORDERING GUIDE

Auto Dim Code	Timer Base (ADD) Auto-Dim Options		Auto Dim Cod	Time of Day (ADT) Auto-Dim Options
D1	Delay 1 hour		T0	Delay Midnight
D2	Delay 2 hours		T1	Delay 1 AM
D3	Delay 3 hours		T2	Delay 2 AM
D4	Delay 4 hours		T3	Delay 3 AM
D5	Delay 5 hours	OR	T4	Delay 10 PM
D6	Delay 6 hours		T5	Delay 11 PM
D7	Delay 7 hours		T6	Delay 6 PM
D8	Delay 8 hours		T7	Delay 7 PM
D9	Delay 9 hours		T8	Delay 8 PM
D0	Delay 0 hours		T9	Delay 9 PM

Code	Auto-Dim Brightness
0	100% Brightness
1	10% Brightness
2	20% Brightness
3	30% Brightness
4	40% Brightness
5	50% Brightness
6	60% Brightness
7	70% Brightness
8	80% Brightness
9	90% Brightness

Code	Auto-Dim Return Options
R1	Delay 1 hour or 1 AM
R2	Delay 2 hours or 2 AM
R3	Delay 3 hours or 3 AM
R4	Delay 4 hours or 4 AM
R5	Delay 5 hours or 5 AM
R6	Delay 6 hours or 6 AM
R7	Delay 7 hours or 7 AM
R8	Delay 8 hours or 8 AM
R9	Delay 9 hours or 9 AM
R0	Delay 0 hours or 12 AM

Code	Auto-Dim Brightness
0	100% Brightness
1	10% Brightness
2	20% Brightness
3	30% Brightness
4	40% Brightness
5	50% Brightness
6	60% Brightness
7	70% Brightness
8	80% Brightness
9	90% Brightness

DELIVERED LUMENS

For delivered lumens, please see Lumens Data PDF on www.Currentlighting.com

PROJECTED LUMEN MAINTENANCE

Ambient Temp.	0	25,000	*TM-21-11 36,000	50,000	100,000	Calculated L_{70} (Hours)
25°C / 77°F	1.00	0.97	0.96	0.95	0.91	408,000
40°C / 104°F	0.99	0.96	0.95	0.94	0.89	356,000

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

Micro Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	–	0.841	–
3000K	0.977	0.861	0.647
3500K	–	0.900	–
4000K	1	0.926	0.699
5000K	1	0.937	0.791
AP-Amber Phosphor Converted Multiplier			
Amber	0.710		

Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	0.9	0.81	0.62
3000K	0.933	0.853	0.659
3500K	0.959	0.894	0.711
4000K	1	0.9	0.732
5000K	1	0.9	0.732
Monochromatic Amber Multiplier			
Amber	See Amber Spec Sheet		

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DATE: | LOCATION:

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VIPER Area/Site

VIPER LUMINAIRE

ELECTRICAL DATA: MICRO STRIKE

# OF LEDS	160						
NOMINAL WATTAGE	35	50	75	100	115	135	160
SYSTEM POWER (W)	34.9	50.5	72.1	97.2	111.9	132.2	157.8
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	0.29	0.42	0.63	0.83	0.96	1.13	1.33
208	0.17	0.24	0.36	0.48	0.55	0.65	0.77
240	0.15	0.21	0.31	0.42	0.48	0.56	0.67
277	0.13	0.18	0.27	0.36	0.42	0.49	0.58
347	0.10	0.14	0.22	0.29	0.33	0.39	0.46
480	0.07	0.10	0.16	0.21	0.24	0.28	0.33

# OF LEDS	320						
NOMINAL WATTAGE	145	170	185	210	235	255	315
SYSTEM POWER (W)	150	166.8	185.7	216.2	240.9	261.5	312
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	1.21	1.42	1.54	1.75	1.96	2.13	2.63
208	0.70	0.82	0.89	1.01	1.13	1.23	1.51
240	0.60	0.71	0.77	0.88	0.98	1.06	1.31
277	0.52	0.61	0.67	0.76	0.85	0.92	1.14
347	0.42	0.49	0.53	0.61	0.68	0.73	0.91
480	0.30	0.35	0.39	0.44	0.49	0.53	0.66

# OF LEDS	480					
NOMINAL WATTAGE	285	320	340	390	425	470
SYSTEM POWER (W)	286.2	316.7	338.4	392.2	423.2	468
INPUT VOLTAGE (V)	CURRENT (Amps)					
120	2.38	2.67	2.83	3.25	3.54	3.92
208	1.37	1.54	1.63	1.88	2.04	2.26
240	1.19	1.33	1.42	1.63	1.77	1.96
277	1.03	1.16	1.23	1.41	1.53	1.70
347	0.82	0.92	0.98	1.12	1.22	1.35
480	0.59	0.67	0.71	0.81	0.89	0.98

# OF LEDS	720				
NOMINAL WATTAGE	435	475	515	565	600
SYSTEM POWER (W)	429.3	475	519.1	565.2	599.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	3.63	3.96	4.29	4.71	5.00
208	2.09	2.28	2.48	2.72	2.88
240	1.81	1.98	2.15	2.35	2.50
277	1.57	1.71	1.86	2.04	2.17
347	1.25	1.37	1.48	1.63	1.73
480	0.91	0.99	1.07	1.18	1.25

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DATE: LOCATION:

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CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

ELECTRICAL DATA: STRIKE

# OF LEDS	36				
NOMINAL WATTAGE	39	55	85	105	120
SYSTEM POWER (W)	39.6	56.8	83.6	108.2	120.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.33	0.46	0.71	0.88	0.96
208	0.19	0.26	0.41	0.50	0.55
240	0.16	0.23	0.35	0.44	0.48
277	0.14	0.20	0.31	0.38	0.42
347	0.11	0.16	0.24	0.30	0.33
480	0.08	0.11	0.18	0.22	0.24

# OF LEDS	72				
NOMINAL WATTAGE	115	145	180	210	240
SYSTEM POWER (W)	113.7	143.2	179.4	210.2	241.7
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	1.00	1.21	1.50	1.75	1.79
208	0.58	0.70	0.87	1.01	1.03
240	0.50	0.60	0.75	0.88	0.90
277	0.43	0.52	0.65	0.76	0.78
347	0.35	0.42	0.52	0.61	0.62
480	0.25	0.30	0.38	0.44	0.45

# OF LEDS	108				
NOMINAL WATTAGE	215	250	280	325	365
SYSTEM POWER (W)	214.8	250.8	278.3	324.7	362.6
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	2.00	2.08	2.33	3.04	2.67
208	1.15	1.20	1.35	1.75	1.54
240	1.00	1.04	1.17	1.52	1.33
277	0.87	0.90	1.01	1.32	1.16
347	0.69	0.72	0.81	1.05	0.92
480	0.50	0.52	0.58	0.76	0.67

# OF LEDS		162				
NOMINAL WATTAGE	320	365	405	445	485	545
SYSTEM POWER (W)	322.1	362.6	403.6	445.1	487.1	543.9
INPUT VOLTAGE (V)		CURRENT (Amps)				
120	2.71	2.67	3.38	3.71	4.04	4.54
208	1.56	1.54	1.95	2.14	2.33	2.62
240	1.35	1.33	1.69	1.85	2.02	2.27
277	1.17	1.16	1.46	1.61	1.75	1.97
347	0.94	0.92	1.17	1.28	1.40	1.57
480	0.68	0.67	0.84	0.93	1.01	1.14

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DATE: LOCATION:

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CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

ELECTRICAL DATA: SILICONE STRIKE

# OF LEDS	40								
NOMINAL WATTAGE (W)	35	55	65	80	100	120	140	170	195
SYSTEM POWER (W)	34.4	47.4	63.3	82.2	101.7	121.6	141.4	168.8	193.0
INPUT VOLTAGE (V)	CURRENT (A)								
120	0.29	0.40	0.53	0.69	0.85	1.01	1.18	1.41	1.61
208	0.17	0.23	0.30	0.40	0.49	0.58	0.68	0.81	0.93
240	0.14	0.20	0.26	0.34	0.42	0.51	0.59	0.70	0.80
277	0.12	0.17	0.23	0.30	0.37	0.44	0.51	0.61	0.70
347	0.10	0.14	0.18	0.24	0.29	0.35	0.41	0.49	0.56
480	0.07	0.10	0.13	0.17	0.21	0.25	0.29	0.35	0.40

# OF LEDS	80									
NOMINAL WATTAGE (W)	75	90	105	130	155	175	205	225	250	280
SYSTEM POWER (W)	74.0	87.0	105.3	131.9	153.5	175.4	203.4	226.1	249.0	281.0
INPUT VOLTAGE (V)	CURRENT (A)									
120	0.62	0.73	0.88	1.10	1.28	1.46	1.70	1.88	2.08	2.34
208	0.36	0.42	0.51	0.63	0.74	0.84	0.98	1.09	1.20	1.35
240	0.31	0.36	0.44	0.55	0.64	0.73	0.85	0.94	1.04	1.17
277	0.27	0.31	0.38	0.48	0.55	0.63	0.73	0.82	0.90	1.01
347	0.36	0.42	0.51	0.63	0.74	0.84	0.98	1.09	1.20	1.35
480	0.15	0.18	0.22	0.27	0.32	0.37	0.42	0.47	0.52	0.59

# OF LEDS	120								
NOMINAL WATTAGE (W)	190	205	230	265	295	320	355	380	420
SYSTEM POWER (W)	189.8	206.0	230.3	263.2	296.5	322.0	356.3	382.3	421.6
INPUT VOLTAGE (V)	CURRENT (A)								
120	1.58	1.72	1.92	2.19	2.47	2.68	2.97	3.19	3.51
208	0.91	0.99	1.11	1.27	1.43	1.55	1.71	1.84	2.03
240	0.79	0.86	0.96	1.10	1.24	1.34	1.48	1.59	1.76
277	0.69	0.74	0.83	0.95	1.07	1.16	1.29	1.38	1.52
347	0.55	0.59	0.66	0.76	0.85	0.93	1.03	1.10	1.21
480	0.40	0.43	0.48	0.55	0.62	0.67	0.74	0.80	0.88

# OF LEDS	180								
NOMINAL WATTAGE (W)	275	295	335	360	395	435	470	510	550
SYSTEM POWER (W)	272.7	296.8	333.2	357.8	394.7	432.4	470.2	508.7	547.4
INPUT VOLTAGE (V)	CURRENT (A)								
120	2.27	2.47	2.78	2.98	3.29	3.60	3.92	4.24	4.56
208	1.31	1.43	1.60	1.72	1.90	2.08	2.26	2.45	2.63
240	1.14	1.24	1.39	1.49	1.64	1.80	1.96	2.12	2.28
277	0.98	1.07	1.20	1.29	1.42	1.56	1.70	1.84	1.98
347	0.79	0.86	0.96	1.03	1.14	1.25	1.36	1.47	1.58
480	0.57	0.62	0.69	0.75	0.82	0.90	0.98	1.06	1.14

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VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

TYPE: PROJECT:

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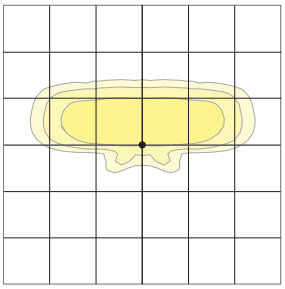
MICRO STRIKE PHOTOMETRY

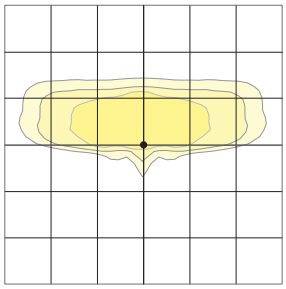
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

Type 2



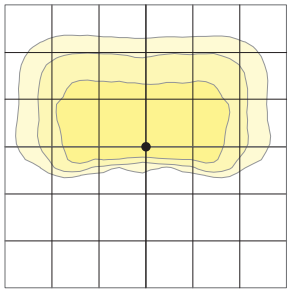
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 3



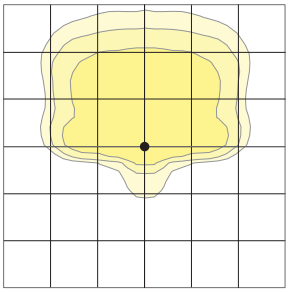
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4 Wide



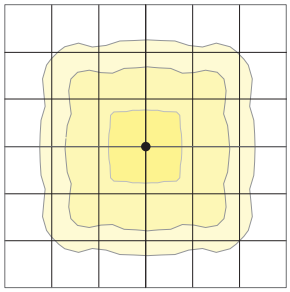
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4F



Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QW



Mounting Height: 20 ft
Scale: 1 inch = 20 ft

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VIPER Area/Site

VIPER LUMINAIRE

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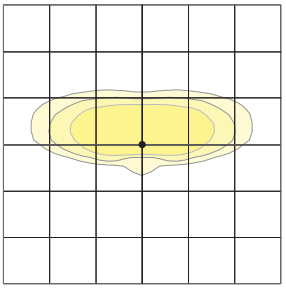
OPTIC STRIKE PHOTOMETRY

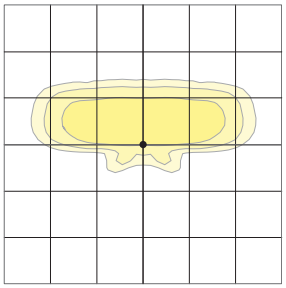
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

Type FR – Front Row/Auto Optic



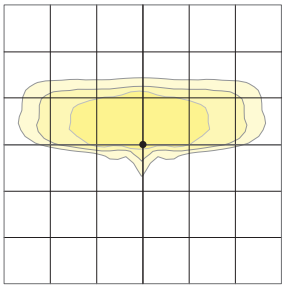
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 2



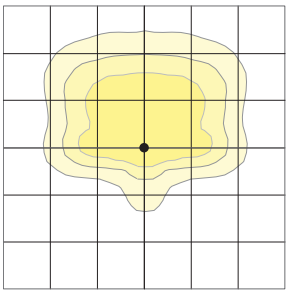
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 3



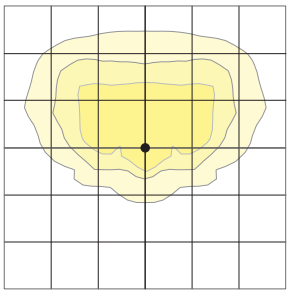
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4 Forward



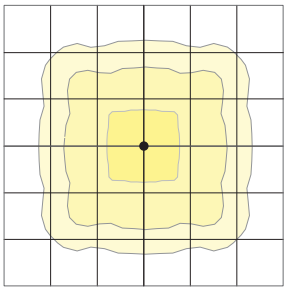
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 4 Wide



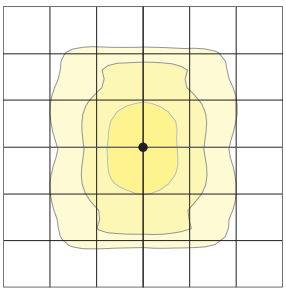
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QM



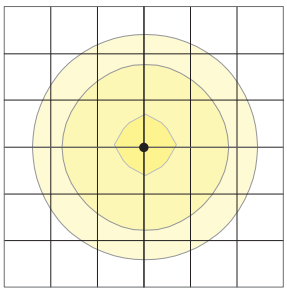
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5RW (rectangular)



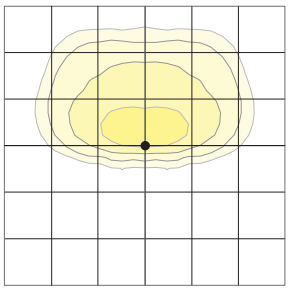
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5W (round wide)



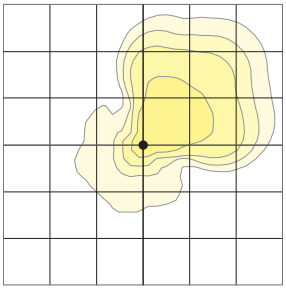
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type TC



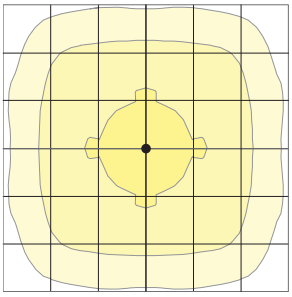
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type Corner



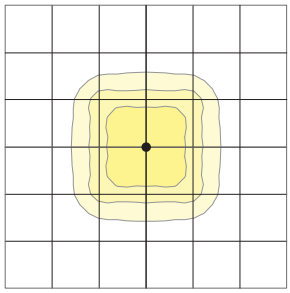
Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QW



Mounting Height: 20 ft
Scale: 1 inch = 20 ft

Type 5QN



Mounting Height: 20 ft
Scale: 1 inch = 20 ft

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VIPER Area/Site

VIPER LUMINAIRE

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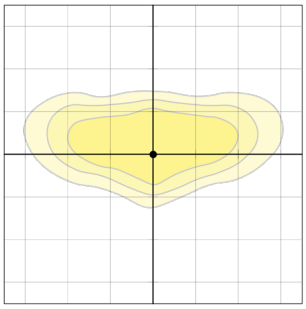
SILICONE OPTIC STRIKE PHOTOMETRY

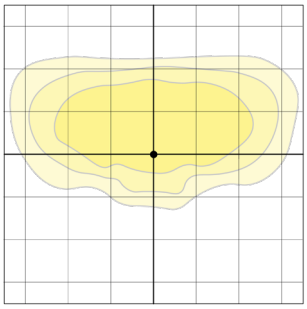
The following diagrams represent the general distribution options offered for this product. For detailed information on specific product configurations, see website photometric test reports.

Type 2



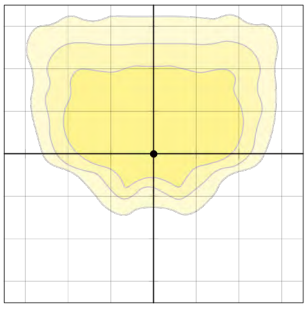
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 3



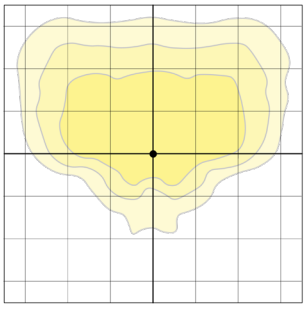
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4 Forward



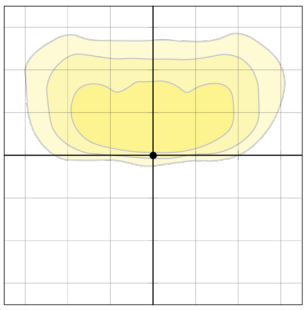
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4 Wide



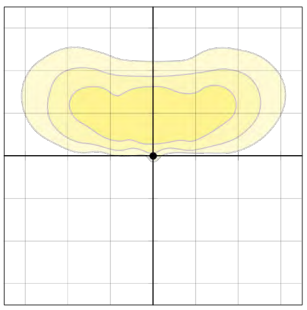
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4WBC



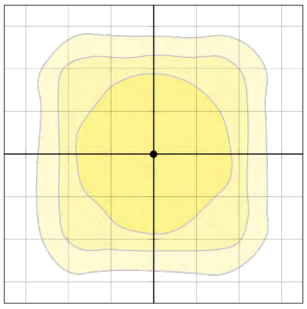
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 4WMBC



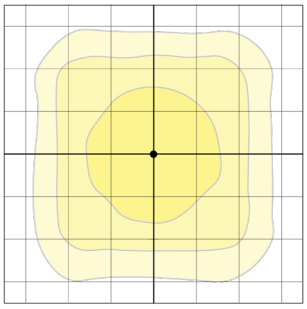
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 5QM



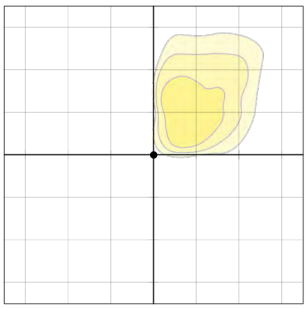
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type 5QW



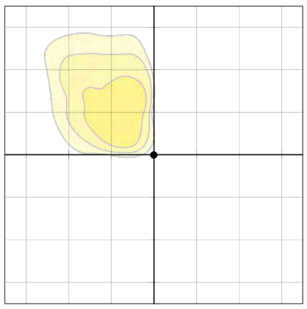
Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type LCC



Mounting Height: 20 ft
Scale: 1 inch = 25 ft

Type RCC



Mounting Height: 20 ft
Scale: 1 inch = 25 ft

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DATE: LOCATION:

TYPE: PROJECT:

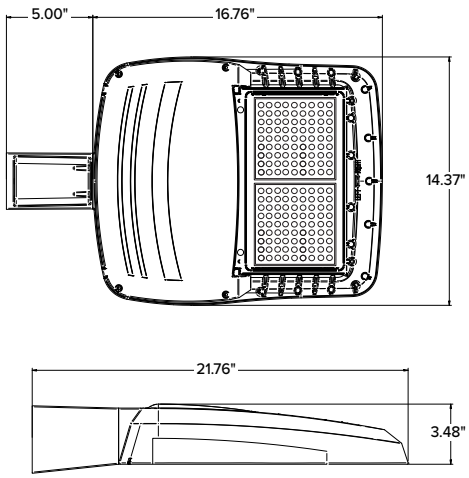
CATALOG #:

VIPER Area/Site

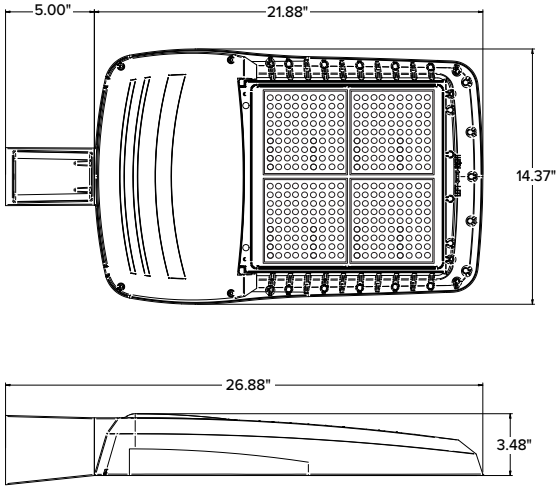
VIPER LUMINAIRE

DIMENSIONS

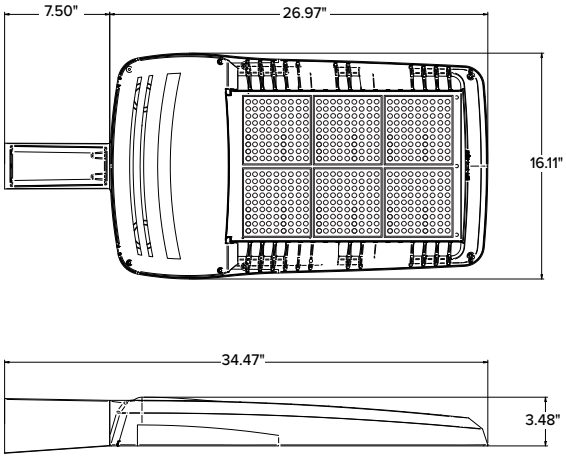
SIZE 1



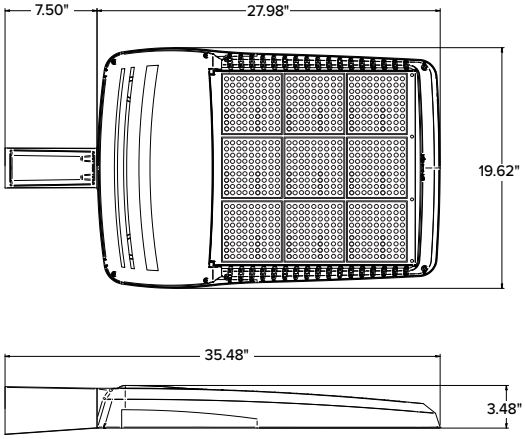
SIZE 2



SIZE 3



SIZE 4



	EPA				
	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	Config.
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	
Four at 90	1.166	1.422	1.714	1.896	

	Weight	
	lbs	kgs
VP1 (Size 1)	13.7	6.2
VP2 (Size 2)	16.0	7.26
VP3 (Size 3)	25.9	11.7
VP4 (Size 4)	30.8	13.9

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DATE: LOCATION:

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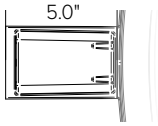
VIPER Area/Site

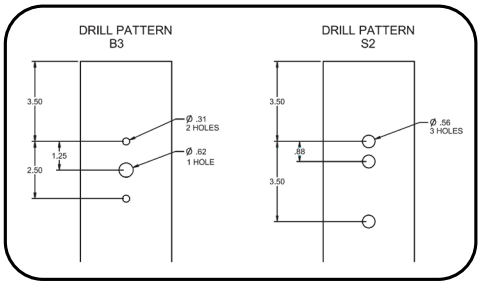
VIPER LUMINAIRE

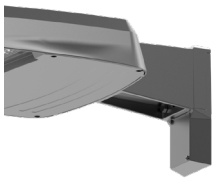
MOUNTING

A–STRAIGHT ARM MOUNT

Fixture ships with integral arm for ease of installation. Compatible with Current Outdoor B3 drill pattern for ease of installation on square poles. For round poles add applicable suffix (2/3/4/5)

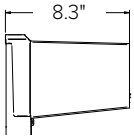


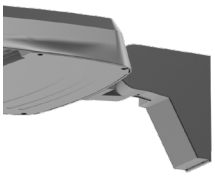




ASQU–UNIVERSAL ARM MOUNT

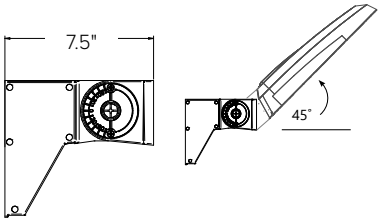
Universal mounting block for ease of installation. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5)

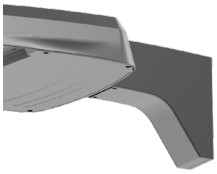




AAU–ADJUSTABLE ARM FOR POLE MOUNTING

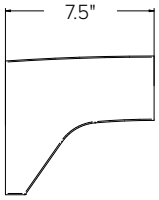
Rotatable arm mounts directly to pole. Compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2 and B3. For round poles add applicable suffix (2/3/4/5). Rotatable in 5˚ aiming angle increments. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.

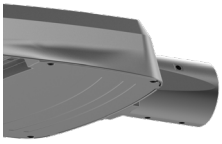




ADU–DECORATIVE UPSWEPT ARM

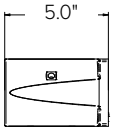
Upswept Arm compatible with drill patterns from 1.5" to 5.25" and Current drill pattern S2. For round poles add applicable suffix (2/3/4/5).

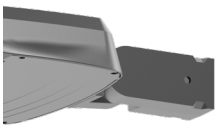




MAF–MAST ARM FITTER

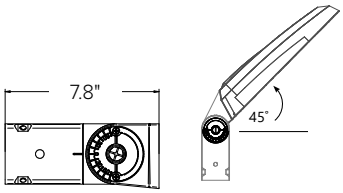
Fits 2-3/8" OD horizontal tenons.

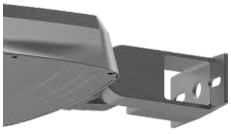




K–KNUCKLE

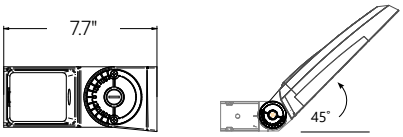
Rotatable in 5-degree aiming angle increments, fits 2-3/8" tenons or pipes. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.





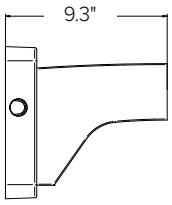
T–TRUNNION

Trunnion for surface and crossarm mounting using (1) 3/4" or (2) 1/2" size through bolts. Micro Strike configurations have a 45° aiming limitation. Strike configurations have a 30° aiming limitation.



WM–WALL MOUNT

Compatible with universal arm mount, adjustable arm mount, and decorative arm mount. The WA option uses the same wall bracket but replaces the decorative arm with an adjustable arm.



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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Area/Site

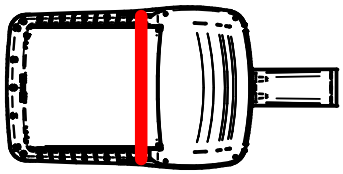
VIPER LUMINAIRE

ADDITIONAL INFORMATION (CONTINUED)

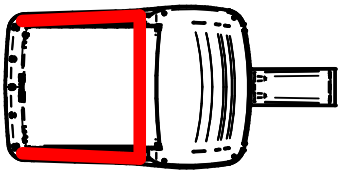
HOUSE SIDE SHIELD FIELD INSTALL ACCESSORIES

HSS has a depth of 5" for all Viper sizes
Not to be used with Occupancy Sensors as the shield may block the light to the sensor.

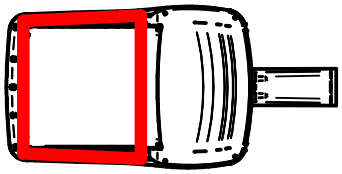
VPR2x HSS-90-B-xx



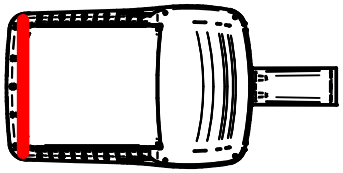
VPR2x HSS-270-BSS-xx



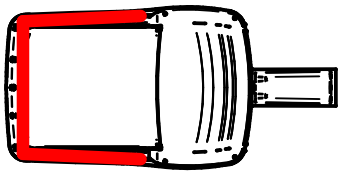
VPR2x HSS-360-xx



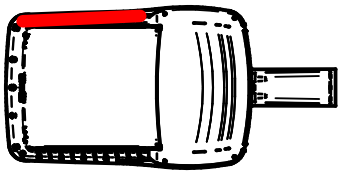
VPR2x HSS-90-F-xx



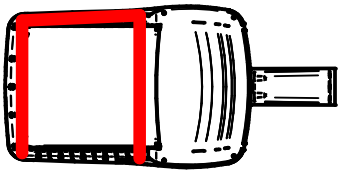
VPR2x HSS-270-FSS-xx



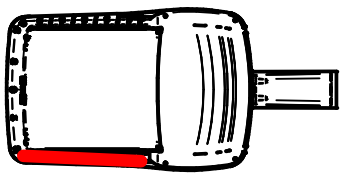
VPR2x HSS-90-S-xx



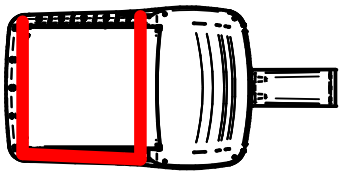
VPR2x HSS-270-FSB-xx



VPR2x HSS-90-S-xx



VPR2x HSS-270-FSB-xx



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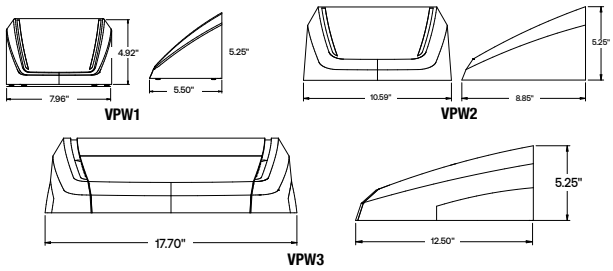
BEACON
design . performance . technology

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

MICRO STRIKE | OPTICS STRIKE



	Weight
VPW1	4.1 lbs / 1.86 kg
VPW2	7.15 lbs / 3.24 kg
VPW3	17.1 lbs / 7.80 kg

FEATURES

- Low profile LED wall luminaire with a variety of IES distributions for lighting applications such as retail, commercial and industrial building mount
- Featuring Strike and Micro Strike Optics which maximizes target zone illumination with minimal losses at the house-side, reducing light trespass issues
- Visual Comfort - Option for Size 2 and Size 3
- Control options including photo control, occupancy sensing, NX Distributed Intelligence™, and LightGRID+.
- Battery Backup options available for emergency code compliance
- Quick-mount adapter allows easy installation/maintenance
- 347V and 480V versions for industrial applications and Canada

C US BAA TAA DARKSKY APPROVED

CONTROL TECHNOLOGY

NX CONNECT NX WIRED NX WIRELESS LIGHTGRID+

SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins that are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with powder coat paint finish
- Powder paint finish provides durability in outdoor environments. Tested to meet 1000 hour salt spray rating

OPTICS

- Entire optical aperture illuminates to create a larger luminous surface area resulting in a low glare appearance without sacrificing optical performance
- 2700K, 3000K, 3500K, 4000K and 5000K CCTs
- Zero uplight distributions
- LED optics provide IES type II, III and IV distributions.

INSTALLATION

- Quick-mount adapter provides easy installation to wall or to recessed junction boxes (4" square junction box)
- Designed for direct j-box mount.

ELECTRICAL

- 120V-277V universal voltage 50/60Hz 0-10V dimming drivers
- 347V input is available in most wattage, 480V is available for 55W and above.
- Ambient operating temperature -40˚C to 40˚C
- Driver RoHS and IP66
- 10kV Surge Protector optional
- Drivers have greater than .90 power factor and less than 20% Total Harmonic Distortion
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options can not be included in one same fixture.
- Dimming drivers are standard. Select CD (Customer Dimming) for the dimming wires to be extended outside the fixture.

CONTROLS

- Photo control, occupancy sensor and wireless available for complete on/off and dimming control
- Button photocontrol is suitable for 120-277V operation
- NX Distributed Intelligence™ available with in fixture wireless control module, features dimming and occupancy sensor

CONTROLS CONTINUED

- Integral Battery Backup provides emergency lighting for the required 90 minute path of egress
- Battery Backup suitable for operating temperatures -20˚C to 40˚C.
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application.
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor.

CERTIFICATIONS

- Certified to UL 1598 and CSA 22.2#250.0-24
- IP65 rated housing
- Emergency battery backup options are California Energy Commission (CEC) Title 20 Compliant
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225- 11). See Buy America(n) Solutions (link to https://http://www.currentlighting.com/resources/americasolutions).
- DarkSky approved with 3000K CCT or warmer

WARRANTY

- 5 year limited warranty

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ORDERING GUIDE

Example: VPW1–24L-10–3K7–2–UNV–BLS

CATALOG #

Series		Optic Platform		# LEDs - Wattage		CCT/CRI		Distribution		Voltage		Color	
VPW1	Viper Wall 1	**(blank)**	Microstrike	**24L-10**	1,000 Lumens	**27K8**	2700K, 80 CRI[16]	**FR**	Auto Front Row[7,15]	**UNV**	120-277V	**BLT**	Black Matte Textured
		ST	Strike	**24L-15**	2,000 Lumens	**3K7**	3000K, 70 CRI[16]	**2**	IES TYPE 2	**120**	120V	**BLS**	Black Gloss Smooth
				24L-25	3,000 Lumens	**4K7**	4000K, 70 CRI	**3**	IES TYPE 3	**208**	208V	**DBT**	Dark Bronze Matte Textured
VPW2	Viper Wall 2			**48L-15**	2,000 Lumens	**5K7**	5000K, 70 CRI	**4F**	IES TYPE 4 Forward	**240**	240V	**DBS**	Dark Bronze Gloss Smooth
				48L-20	3,000 Lumens	**3K8**	3000K, 80 CRI	**4W**	IES TYPE 4W	**277**	277V	**GTT**	Graphite Matte Textured
				48L-30	4,000 Lumens	**35K8**	3500K, 80 CRI			**347**	347V	**LGS**	Light Grey Gloss Smooth
				48L-35	5,000 Lumens	**4K8**	4000K, 80 CRI			**480**	480V	**LGT**	Light Grey Matte Textured
				48L-45	6,000 Lumens	**5K8**	5000K, 80 CRI					**PSS**	Platinum Silver Smooth
				80L-20	3,000 Lumens	**AP**	Phosphor Converted Amber[1]					**WHT**	White Matte Textured
				80L-25	4,000 Lumens							**WHS**	White Gloss Smooth
				80L-35	5,000 Lumens							**VGT**	Verde Green Textured
				80L-45	6,000 Lumens							**Color Option**	
				80L-55	7,000 Lumens							**CC**	Custom Color
				80L-65	8,000 Lumens								
				80L-70	8,500 Lumens								
				18L-25	3,000 Lumens, Strike Optics								
				18L-30	4,000 Lumens, Strike Optics								
				18L-39	4,750 Lumens, Strike Optics								
				18L-50	6,000 Lumens, Strike Optics								
				18L-60	6,500 Lumens, Strike Optics								
VPW3	Viper Wall 3			**160L-45**	7,000 Lumens								
				160L-70	10,000 Lumens								
				160L-95	12,500 Lumens								
				160L-105	15,000 Lumens								
				160L-135	17,500 Lumens								
				160L-155	20,000 Lumens								
				36L-55	7,000 Lumens, Strike Optics								
				36L-80	9,500 Lumens, Strike Optics								
				36L-100	11,500 Lumens, Strike Optics								
				36L-120	13,000 Lumens, Strike Optics								

Control Options Network[3,7,11,13]	
NXWS12F	NX Networked Wireless Enabled Integral NXSMP2-OMNI PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming[14]
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming[9]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming[9]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor
WIR	LightGRID+ In-Fixture Module[9]
WIRSC	LightGRID+ In-Fixture Moduel with BTS occupancy[9]
Stand Alone Sensors[7,11,13]	
BTS-14F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor[4,9]
BTS-40F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor[4,9]
BTSO-12F	Bluetooth® Programmable, PIR Occupancy/Daylight Sensor, up to 12' mounting height[14]
Photocontrol[13]	
PC	Button Photocontrol 120-277V

Options	
F	Fusing[5,7]
E	Battery[6,7,8]
EH	Battery with Heater[6,7,8]
CS	Comfort Shield[7,10]
SP	10kA Surge Protector
2PF	Dual Power Feed[2,7,8,17]
2DR	Dual Driver[2,7,8,17]
CD	Customer Dimming[12]
DTS	Dimming Transfer Switch[7]

Notes:

1 Available with Micro Strike Optics only
2 Not available with 480V in Size 1 and Size 2
3 Networked controls cannot be combined with other control options
4 Not available with VPW1 or with 2PF or 2DR options
5 Must specify voltage (VPW1 & VPW2: 120V, 277V or 347V; VPW3: 120V, 208V, 240V, 277V, 347V or 480V)
6 See page 10 for detail Battery configurations
7 Not available in VPW1
8 2PF can't be combined with E or EH; 2DR can't be combined with E or EH in VPW2
9 Not avialable in VPW1 and VPW2
10 Not available with Micro Strike 24L and 48L. Not available with Strike 18L and 36L
11 Not available with 2PF
12 Not available with Network Control options or Stand Alone Sensors. Can be ordered with PC
13 Not available in 480V in VPW2; Only available in 480V in VPW3 in 80W, 100W, 120W, 135W and 155W
14 NXWS12F and BTSO-12F are the only sensors available in VPW2
15 Available with Strike Optics only (18L or 36L)
16 DarkSky approved with 3000K CCT or warmer
17 Not available in Size 2 80L

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ACCESSORIES AND REPLACEMENT PARTS - MADE TO ORDER

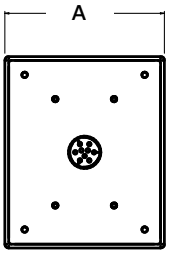
	Catalog Number	Description
☐	**WP-BB-XXX**	Back Box Accessory for conduit entry[1]
☐	**CS**	Comfort Shield[2]

Notes:

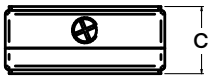
1 replace "xxx" with color option

2 Not available with Micro Strike 24L and 48L or Strike 18L and 36L

DIMENSIONS



Back Box Accessory



A	B	C
4.9" 124mm	5.9" 150mm	2.1" 53mm

CONTROLS FUNCTIONALITY

OUTDOOR LIGHTING CONTROLS OPTIONS

LIGHTGRID+

	Control Option Ordering Logic & Description		Control Option Functionality									Control Option Components	
			Networkable	Grouping	Scheduling	Occupancy/ Motion	Daylight Harvesting	0-10V Dimming	On/Off Control	Bluetooth App Programming	Sensor Height		
NX Wireless	NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor	✓	✓	✓	–	–	✓	✓	✓	–		NXRM2-H
NX Wireless	NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	16ft		NXSMP2-LMO
NX Wireless	NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming	✓	✓	✓	✓	✓	✓	✓	✓	40ft		NXSMP2-HMO
LightGRID+	WIR	LightGRID+ In-Fixture Module	✓	–	✓	–	–	✓	✓	Gateway	–		WIR
Independent	BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	12ft		BTSMP-OMNI-O
Independent	BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	14ft		BTSMP-LMO
Independent	BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens	–	–	–	✓	✓	✓	✓	✓	40ft		BTSMP-HMO

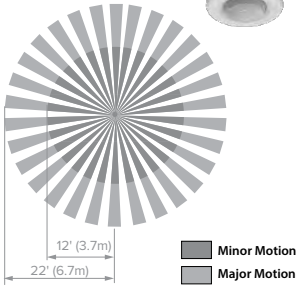
DEFAULT SETTINGS

NX Wireless	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	15 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	0%
Daylight Sensor	Disabled
Bluetooth	Enabled
2.4GHz Wireless Mesh	Off
"Passcode Factory Passcode: HubbN3T!"	Enabled

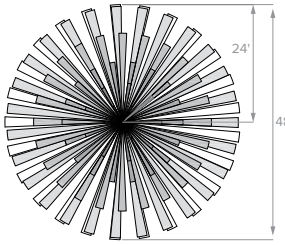
Stand Alone	
Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	8 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	0% (Off)
Daylight Sensor	Disabled

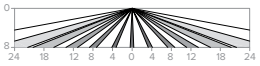
NX WIRELESS COVERAGE PATTERNS

NXSMP2-OMNI



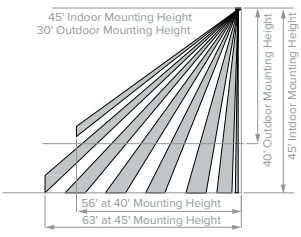
NXSMP2-LMO





Sensor Lens Coverage and Detection Patterns When Mounted at 8ft with Low Mount Lens

NXSMP2-HMO



Sensor Lens Coverage and Detection Patterns When Mounted at 40ft and 45ft with Standard Lens

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VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

NX LIGHTING CONTROLS FREE APP

The NX Lighting Controls App is free to use mobile application for programming both NX Lighting Controls System or Standalone Bluetooth Sensors. The mobile app allows you to configure devices, discover and setup wireless enable luminiares and program NX system settings.

Apple App: https://apps.apple.com/us/app/nx-lighting-controls/id962112904

Google Play: https://play.google.com/store/apps/details?id=io.cordova.NXBTR&hl=en_US&gl=US

NX LIGHTING CONTROLS

Apple App

Google Play

CONTROLS TECH SUPPORT 800-888-8006 (7:00 AM - 7:00 PM)

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98
50°C	122°F	0.97

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

PROJECTED LUMEN MAINTENANCE

	OPERATING HOURS		
Ambient Temp.	0	25,000	TM-21-22 60,000
25°C / 77°F	1.00	0.91	0.83
40°C / 104°F	0.99	0.90	0.82

Lumen maintenance values calculated per TM-21 using six times the LM-80 test time for the LED and in-situ thermal testing of the luminaire.

MULTIPLIER

Micro Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	–	0.841	–
3000K	0.977	0.861	0.647
3500K	–	0.900	–
4000K	1	0.926	0.699
5000K	1	0.937	0.791
Monochromatic Amber Multiplier			
Amber	0.710		

Strike Lumen Multiplier			
CCT	70 CRI	80 CRI	90 CRI
2700K	0.9	0.81	0.62
3000K	0.933	0.853	0.659
3500K	0.959	0.894	0.711
4000K	1	0.9	0.732
5000K	1	0.9	0.732
Monochromatic Amber Multiplier			
Amber	See Amber Spec Sheet		

PERFORMANCE DATA: MICROSTRIKE

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW1	24L	10	6.6	2	1068	141	0	0	0	1068	141	0	0	0	989	131	0	0	0
				3	1076	142	0	0	1	1076	142	0	0	1	997	131	0	0	1
				4F	1052	139	0	0	1	1052	139	0	0	1	974	129	0	0	1
				4W	1041	137	0	0	1	1041	137	0	0	1	964	127	0	0	1
		15	14	2	1993	129	1	0	0	1993	129	1	0	0	1845	119	1	0	0
				3	2008	130	1	0	1	2008	130	1	0	1	1859	120	0	0	1
				4F	1964	127	0	0	1	1964	127	0	0	1	1818	117	0	0	1
				4W	1943	125	1	0	1	1943	125	1	0	1	1799	116	0	0	1
		25	23.0	2	3055	125	1	0	1	3055	125	1	0	1	2828	116	1	0	1
				3	3078	126	1	0	1	3078	126	1	0	1	2850	117	1	0	1
				4F	3010	123	1	0	1	3010	123	1	0	1	2787	114	1	0	1
				4W	2978	122	1	0	1	2978	122	1	0	1	2757	113	1	0	1

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

PERFORMANCE DATA: MICROSTRIKE CONT'D

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW2	48L	15	13.1	2	2139	145	1	0	1	2139	145	1	0	1	1981	134	1	0	1
				3	2163	146	1	0	1	2163	146	1	0	1	2003	135	1	0	1
				4F	2097	143	0	0	1	2097	143	0	0	1	1942	132	0	0	1
				4W	2101	143	1	0	1	2101	143	1	0	1	1946	132	0	0	1
		20	20.5	2	2973	141	1	0	1	2973	141	1	0	1	2753	130	1	0	1
				3	3007	142	1	0	1	3007	142	1	0	1	2784	132	1	0	1
				4F	2915	138	1	0	1	2915	138	1	0	1	2699	128	1	0	1
				4W	2921	138	1	0	1	2921	138	1	0	1	2705	128	1	0	1
		30	28.8	2	4000	137	1	0	1	4000	137	1	0	1	3704	126	1	0	1
				3	4045	138	1	0	1	4045	138	1	0	1	3745	128	1	0	1
				4F	3922	134	1	0	1	3922	134	1	0	1	3631	124	1	0	1
				4W	3930	134	1	0	2	3930	134	1	0	2	3638	124	1	0	1
		35	37.3	2	4997	134	1	0	1	4997	134	1	0	1	4627	124	1	0	1
				3	5053	135	1	0	2	5053	135	1	0	2	4679	125	1	0	1
				4F	4899	131	1	0	1	4899	131	1	0	1	4536	122	1	0	1
				4W	4909	132	1	0	2	4909	132	1	0	2	4545	122	1	0	2
		45	45.9	2	5990	127	1	0	1	5990	127	1	0	1	5546	118	1	0	1
				3	6057	128	1	0	2	6057	128	1	0	2	5608	119	1	0	2
				4F	5872	124	1	0	2	5872	124	1	0	2	5437	115	1	0	1
				4W	5884	125	1	0	2	5884	125	1	0	2	5448	115	1	0	2
	80L	20	19.4	2	3485	161	1	0	1	3485	161	1	0	1	3200	147	1	0	1
				3	3516	162	1	0	1	3516	162	1	0	1	3229	149	1	0	1
				4F	3485	161	1	0	1	3485	161	1	0	1	3200	147	1	0	1
				4W	3535	163	1	0	1	3535	163	1	0	1	3246	150	1	0	1
		25	26.7	2	4443	154	1	0	1	4443	154	1	0	1	4080	141	1	0	1
				3	4483	155	1	0	1	4483	155	1	0	1	4117	142	1	0	1
				4F	4443	154	1	0	1	4443	154	1	0	1	4080	141	1	0	1
				4W	4507	156	1	0	1	4507	156	1	0	1	4139	143	1	0	1
		35	34.2	2	5438	147	1	0	1	5438	147	1	0	1	4994	135	1	0	1
				3	5488	148	1	0	1	5488	148	1	0	1	5039	136	1	0	1
				4F	5438	147	1	0	1	5438	147	1	0	1	4994	135	1	0	1
				4W	5516	149	1	0	2	5516	149	1	0	2	5066	137	1	0	1
		45	41.7	2	6369	145	1	0	1	6369	145	1	0	1	5848	133	1	0	1
				3	6427	146	2	0	2	6427	146	2	0	2	5901	134	1	0	1
				4F	6369	145	1	0	1	6369	145	1	0	1	5848	133	1	0	1
				4W	6460	147	1	0	2	6460	147	1	0	2	5933	135	1	0	2
		55	50.6	2	7209	137	2	0	2	7209	137	2	0	2	6620	126	1	0	1
				3	7275	139	2	0	2	7275	139	2	0	2	6680	127	2	0	2
				4F	7209	137	1	0	1	7209	137	1	0	1	6620	126	1	0	1
				4W	7313	139	1	0	2	7313	139	1	0	2	6715	128	1	0	2
		65	58.3	2	7781	130	2	0	2	7781	130	2	0	2	7145	119	2	0	2
				3	7852	131	2	0	2	7852	131	2	0	2	7210	120	2	0	2
				4F	7781	130	2	0	1	7781	130	2	0	1	7145	119	1	0	1
				4W	7893	132	1	0	2	7893	132	1	0	2	7248	121	1	0	2
		70	63.5	2	8367	128	2	0	2	8367	128	2	0	2	7683	117	2	0	2
				3	8443	129	2	0	2	8443	129	2	0	2	7753	119	2	0	2
				4F	8367	128	2	0	1	8367	128	2	0	1	7683	117	2	0	1
				4W	8487	130	1	0	2	8487	130	1	0	2	7794	119	1	0	2

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CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

PERFORMANCE DATA: MICROSTRIKE CONT'D

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW3	160L	45	46.2	2	7623	148	1	0	2	7623	148	1	0	2	7000	136	1	0	1
				3	7626	148	2	0	2	7626	148	2	0	2	7003	136	2	0	2
				4F	7590	147	2	0	1	7590	147	2	0	1	6970	135	1	0	1
				4W	7715	150	1	0	2	7715	150	1	0	2	7084	138	1	0	2
		70	68.3	2	10322	139	2	0	2	10322	139	2	0	2	9478	128	2	0	2
				3	10326	140	2	0	2	10326	140	2	0	2	9482	128	2	0	2
				4F	10277	139	2	0	2	10277	139	2	0	2	9437	128	2	0	2
				4W	10446	141	2	0	2	10446	141	2	0	2	9592	130	1	0	2
		95	91	2	12929	132	2	0	2	12929	132	2	0	2	11872	121	2	0	2
				3	12934	132	3	0	3	12934	132	3	0	3	11877	121	3	0	3
				4F	12873	131	2	0	2	12873	131	2	0	2	11821	120	2	0	2
				4W	13084	133	2	0	3	13084	133	2	0	3	12015	122	2	0	3
		105	106.3	2	15055	138	2	0	2	15055	138	2	0	2	13825	127	2	0	2
				3	15062	138	3	0	3	15062	138	3	0	3	13831	127	3	0	3
				4F	14991	138	2	0	2	14991	138	2	0	2	13766	127	2	0	2
				4W	15236	140	2	0	3	15236	140	2	0	3	13991	129	2	0	3
		135	134.8	2	17533	127	3	0	3	17533	127	3	0	3	16100	116	3	0	3
				3	17541	127	3	0	3	17541	127	3	0	3	16107	116	3	0	3
				4F	17457	126	2	0	2	17457	126	2	0	2	16031	116	2	0	2
				4W	17744	128	2	0	4	17744	128	2	0	4	16294	118	2	0	3
		155	158.3	2	20066	123	3	0	3	20066	123	3	0	3	18426	113	3	0	3
				3	20075	123	3	0	3	20075	123	3	0	3	18434	113	3	0	3
				4F	19980	123	3	0	3	19980	123	3	0	3	18347	113	2	0	2
				4W	20307	125	2	0	4	20307	125	2	0	4	18648	115	2	0	4

PERFORMANCE DATA: STRIKE

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW2	18L	25	22.6	2	3314	147	1	0	1	3298	146	1	0	G1	3171	140	1	0	1
				3	3356	148	1	0	1	3340	148	1	0	G1	3212	142	1	0	1
				4F	3367	149	0	0	1	3351	148	0	0	G1	3222	143	0	0	1
				4W	3361	149	1	0	2	3345	148	1	0	G2	3216	142	1	0	2
		30	31.3	2	4124	132	1	0	1	4104	131	1	0	G1	3946	126	1	0	1
				3	4176	133	1	0	2	4156	133	1	0	G2	3996	128	1	0	1
				4F	4189	134	1	0	1	4169	133	1	0	G1	4009	128	1	0	1
				4W	4182	134	1	0	2	4162	133	1	0	G2	4002	128	1	0	2
		39	38.8	2	4894	126	1	0	1	4870	126	1	0	G1	4683	121	1	0	1
				3	4956	128	1	0	2	4932	127	1	0	G2	4742	122	1	0	2
				4F	4972	128	1	0	2	4948	128	1	0	G2	4758	123	1	0	2
				4W	4963	128	1	0	2	4939	127	1	0	G2	4749	122	1	0	2
		50	52.6	2	6325	120	1	0	1	6295	120	1	0	G1	6052	115	1	0	1
				3	6405	122	1	0	2	6374	121	1	0	G2	6129	117	1	0	2
				4F	6426	122	1	0	2	6395	122	1	0	G2	6149	117	1	0	2
				4W	6414	122	1	0	3	6384	121	1	0	G3	6138	117	1	0	3
		60	60.4	2	6865	114	1	0	2	6832	113	1	0	G2	6569	109	1	0	2
				3	6952	115	1	0	2	6919	115	1	0	G2	6652	110	1	0	2
				4F	6974	115	1	0	2	6941	115	1	0	G2	6674	110	1	0	2
				4W	6962	115	1	0	3	6929	115	1	0	G3	6662	110	1	0	3

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PERFORMANCE DATA: STRIKE CONT'D

Description	# of LEDs	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 70 CRI)					4K (4000K NOMINAL 70 CRI)					3K (3000K NOMINAL 70 CRI)				
					Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
VPW3	36L	55	63.1	2	7284	135	1	0	2	7249	134	1	0	G2	6970	129	1	0	2
				3	7376	137	1	0	2	7341	136	1	0	G2	7058	131	1	0	2
				4F	7400	137	1	0	2	7364	137	1	0	G2	7081	131	1	0	2
				4W	7387	137	1	0	3	7351	136	1	0	G3	7069	131	1	0	3
		80	77.6	2	9788	126	2	0	2	9741	126	2	0	G2	9366	121	2	0	2
				3	9912	128	1	0	3	9864	127	1	0	G3	9485	122	1	0	3
				4F	9944	128	1	0	2	9896	128	1	0	G2	9516	123	1	0	2
				4W	9926	128	1	0	3	9879	127	1	0	G3	9499	122	1	0	3
		105	108.2	2	12650	128	2	0	2	12589	127	2	0	G2	12105	122	2	0	2
				3	12810	130	2	0	3	12748	129	2	0	G3	12258	124	2	0	3
				4F	12851	130	1	0	3	12790	129	1	0	G3	12298	124	1	0	3
				4W	12829	130	2	0	3	12767	129	2	0	G3	12276	124	2	0	3
		120	120.9	2	13730	114	2	0	2	13664	113	2	0	G2	13138	109	2	0	2
				3	13904	115	2	0	3	13837	114	2	0	G3	13305	110	2	0	3
				4F	13949	115	1	0	3	13882	115	1	0	G3	13348	110	1	0	3
				4W	13924	115	2	0	4	13857	115	2	0	G4	13324	110	2	0	3

ELECTRICAL DATA: STRIKE

# OF LEDS	18L				
NOMINAL WATTAGE	25	30	39	50	60
SYSTEM POWER (W)	22.6	31.3	38.8	52.6	60.4
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.21	0.26	0.32	0.44	0.50
208	0.12	0.15	0.19	0.25	0.29
240	0.10	0.13	0.16	0.22	0.25
277	0.09	0.11	0.14	0.19	0.22
347	0.07	0.09	0.11	0.15	0.17
480	0.05	0.07	0.08	0.11	0.13

# OF LEDS	36L			
NOMINAL WATTAGE	55	80	100	120
SYSTEM POWER (W)	53.9	77.6	98.9	120.9
INPUT VOLTAGE (V)	CURRENT (Amps)			
120	0.45	0.65	0.82	1.01
208	0.26	0.37	0.48	0.58
240	0.22	0.32	0.41	0.50
277	0.19	0.28	0.36	0.44
347	0.16	0.22	0.29	0.35
480	0.11	0.16	0.21	0.25

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DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

ELECTRICAL DATA: MICROSTRIKE

# OF LEDS	24L		
NOMINAL WATTAGE	10	15	25
SYSTEM POWER (W)	6.6	14.0	23.0
INPUT VOLTAGE (V)	CURRENT (Amps)		
120	0.06	0.12	0.19
208	0.03	0.07	0.11
240	0.03	0.06	0.10
277	0.02	0.05	0.08
347	0.02	0.04	0.07
480	0.01	0.03	0.05

# OF LEDS	48L				
NOMINAL WATTAGE	15	20	30	35	45
SYSTEM POWER (W)	13.1	20.5	28.8	37.3	45.9
INPUT VOLTAGE (V)	CURRENT (Amps)				
120	0.11	0.17	0.24	0.31	0.38
208	0.06	0.10	0.14	0.18	0.22
240	0.05	0.09	0.12	0.16	0.19
277	0.05	0.07	0.10	0.13	0.17
347	0.04	0.06	0.08	0.11	0.13
480	0.03	0.04	0.06	0.08	0.10

# OF LEDS	80L						
NOMINAL WATTAGE	20	25	35	45	55	65	70
SYSTEM POWER (W)	19.4	26.7	34.2	41.7	50.6	58.3	63.5
INPUT VOLTAGE (V)	CURRENT (Amps)						
120	0.16	0.22	0.29	0.35	0.42	0.49	0.53
208	0.10	0.13	0.18	0.22	0.27	0.28	0.31
240	0.08	0.12	0.15	0.19	0.24	0.24	0.26
277	0.07	0.10	0.13	0.17	0.21	0.21	0.23
347	0.06	0.08	0.11	0.13	0.16	0.17	0.18
480	0.04	0.06	0.08	0.10	0.12	0.12	0.13

# OF LEDS	160L					
NOMINAL WATTAGE	45	70	95	105	135	155
SYSTEM POWER (W)	46.2	68.3	91	106.3	134.8	158.3
INPUT VOLTAGE (V)	CURRENT (Amps)					
120	0.39	0.57	0.76	0.89	1.12	1.32
208	0.22	0.33	0.44	0.51	0.65	0.76
240	0.19	0.28	0.38	0.44	0.56	0.66
277	0.17	0.25	0.33	0.38	0.49	0.57
347	0.13	0.20	0.26	0.31	0.39	0.46
480	0.10	0.14	0.19	0.22	0.28	0.33

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VIPER Wall

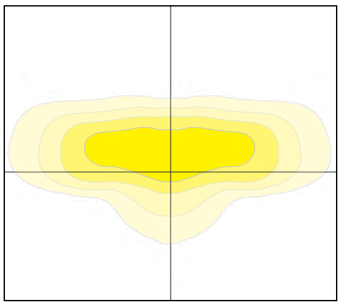
VPW1/VPW2/VPW3 LED WALLPACK

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

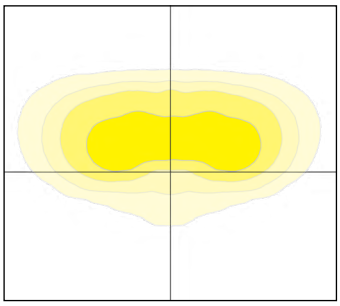
PHOTOMETRY

Mounting Height: 10ft

Type 2



Type 3



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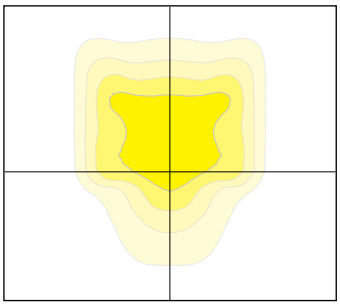
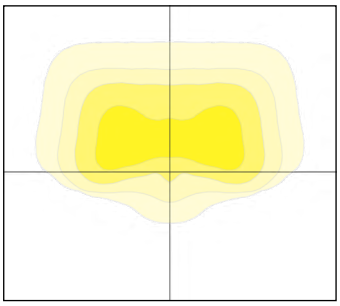
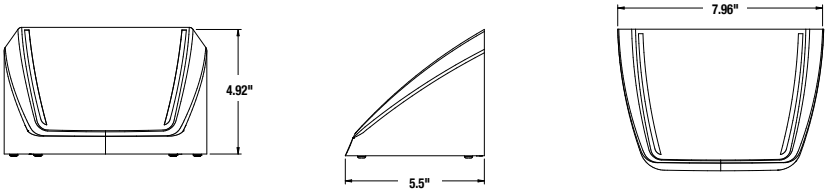


Type 4W

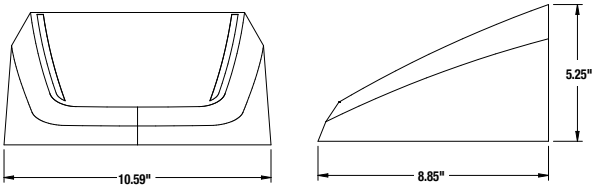


DIMENSIONS

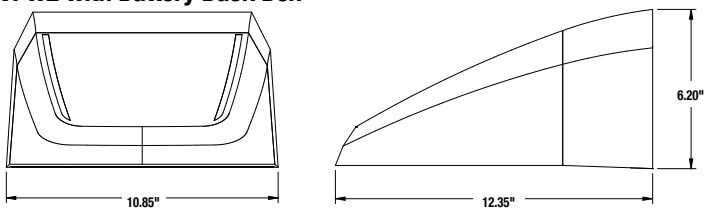
VPW1



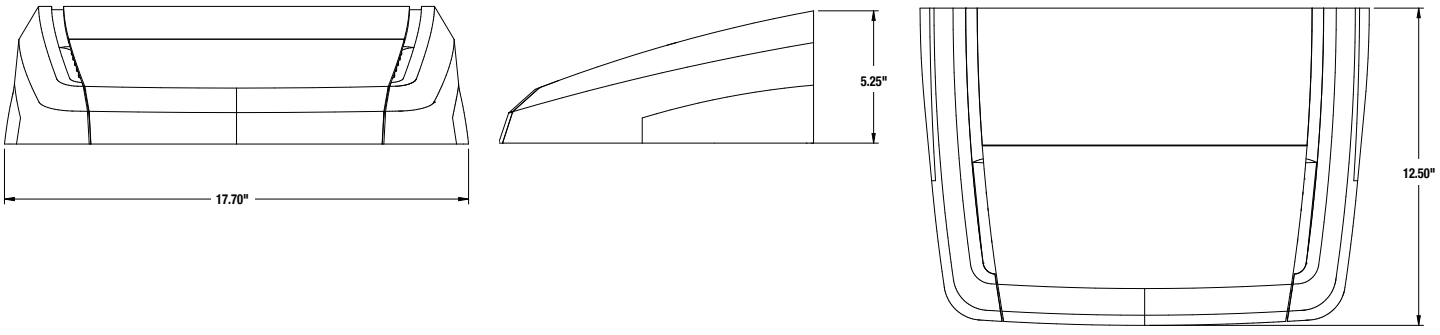
VPW2



VPW2 with Battery Back Box



VPW3



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VIPER Wall

VPW1/VPW2/VPW3 LED WALLPACK

DATE: LOCATION:

TYPE: PROJECT:

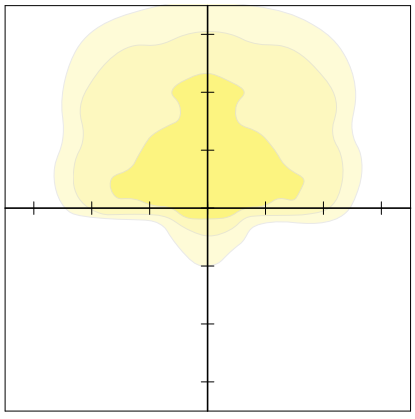
CATALOG #:

BATTERY OPTIONS & HOUSING SIZES

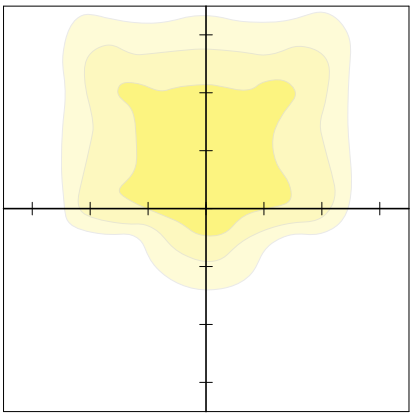
				Battery (E)		Battery with Heater (EH)	
Size	**Optics**	**# LEDs**	**Fixture Wattage**	**E (10W)**	**Housing**	**EH (13W)**	**Housing**
VPW1	Micro Strike	24L	10W	N/A	Not Available	N/A	Not Available
			15W				
			25W				
VPW2	Micro Strike	48L	15W	Y	Standard Housing	Y	Includes Integrated Back Box
			20W	Y	Standard Housing	Y	Includes Integrated Back Box
			30W	N/A	Not Available	Y	Includes Integrated Back Box
			35W	N/A	Not Available	Y	Includes Integrated Back Box
			45W	N/A	Not Available	Y	Includes Integrated Back Box
		80L	20W	N/A	Not Available	Y	Includes Integrated Back Box
			25W			Y	Includes Integrated Back Box
			35W			Y	Includes Integrated Back Box
			45W			Y	Includes Integrated Back Box
			55W			Y	Includes Integrated Back Box
			65W			Y	Includes Integrated Back Box
			70W			Y	Includes Integrated Back Box
	Strike	18L	25W	N/A	Not Available	Y	Includes Integrated Back Box
			30W			Y	Includes Integrated Back Box
			39W			Y	Includes Integrated Back Box
			50W			Y	Includes Integrated Back Box
			60W			Y	Includes Integrated Back Box
VPW3	Micro Strike	160L	45W	N/A	Not Available	Yes	Standard Housing
			70W			Yes	Standard Housing
			95W			Yes	Standard Housing
			105W			N/A	Not Available
			135W			N/A	Not Available
			155W			N/A	Not Available
	Strike	36L	55W	N/A	Not Available	Yes	Standard Housing
			80W			Yes	Standard Housing
			100W			Yes	Standard Housing
			120W			N/A	Not Available

PHOTOMETRY - BATTERY

18L BATTERY PHOTOMETRY



80L BATTERY PHOTOMETRY



Mounting Height: 12ft
Scale: 10ft

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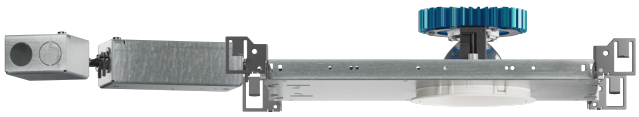
alphabet

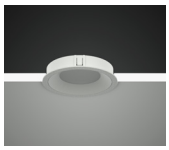
PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

NU4 LOPRO

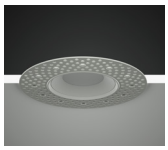
4" Round Downlight Standard White

NSF · AT airtight · DF dead-front · PR plenum rated · wet rated





Trim



Trimless

Trimless Millwork

20° - 65° BEAM (Note: Specifications are subject to change without notice)		
14mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	990LM @30K/80CRI	9W
15LM	1485LM @30K/80CRI	12W
20LM	2095LM @30K/80CRI	17W
25LM	2540LM @30K/80CRI	21W
30LM	3090LM @30K/80CRI	26W
10LM	840LM @30K/90/CRI	9W
15LM	1260LM @30K/90/CRI	12W
20LM	1780LM @30K/90/CRI	17W
25LM	2160LM @30K/90/CRI	21W
30LM	2620LM @30K/90/CRI	26W
Notes	Delivered lumens based on WH70 optic with no lens, (see page 2)	

8 - 12° BEAM (Note: Specifications are subject to change without notice)		
6mm COB PERFORMANCE DATA		
LED LIGHT ENGINE	NOMINAL DELIVERED LUMENS	SYSTEM WATTAGE
10LM	990LM @30K/80CRI	10W
15LM	1460LM @30K/80CRI	15W
10LM	840LM @30K/90CRI	10W
15LM	1240LM @30K/90CRI	15W
Notes	Delivered lumens based on S10 optic with no lens, (see page 2)	

FEATURES
- 3/4" bezel regress with 1/16" micro flange
- 8° - 65° optical beam control
- UGR < 19
- 110 LPW average
- Glare control, specialty optics, trim options, and custom finishes available
- Microban® antimicrobial finish available on all exposed painted surfaces

DIMMING AND CONTROLS
- 0-10V dimming to 1%
- Leading & trailing edge (Triac / ELV) dimming to 1%

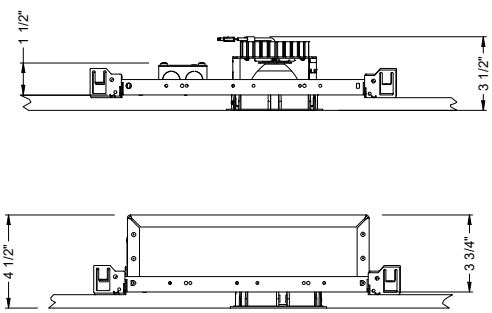
CONSTRUCTION
- Lexan™ (PC) highly resistant to impact and heat (240°F)
- Optimal material for wireless signal connectivity
- Shatter proof acrylic bezel lens
- Electrocoated 16-gauge cold-rolled steel construction
- Accommodates ceiling thickness from 1/8" to 1-5/8"

LED
- 90 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L_{70} > 66,000 hrs
- 80 CRI: SDCM = 3-step MacAdam Ellipse, Lumen Maintenance: L_{70} > 66,000 hrs

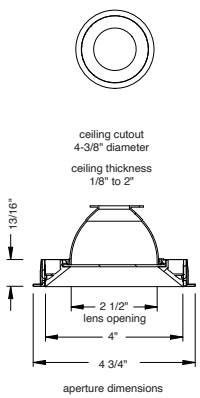
LISTING
- ULus Listed to UL1598 & UL2108; cUL Listed to CSA C22.2 #250.0
- IP65 with lens - Suitable for wet locations with lens - Suitable for damp locations without lens
- Non-conductive, dead-front construction (shower approved)
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- **Declare.** - LBC Red List Approved
- 5 Year Limited warranty

ELECTRICAL
- 120V-277V, 120 only Triac / ELV
- Power factor ≥ 0.9
- 2kV driver input surge protection
- Remote emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C)

FIXTURE HEIGHT

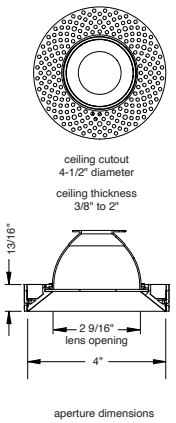


TRIMMED



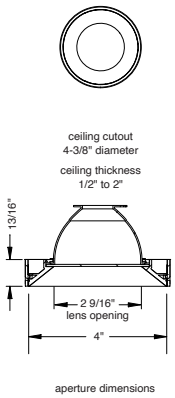
aperture dimensions

TRIMLESS



aperture dimensions

MILLWORK



aperture dimensions

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

8°- 65° BEAM ORDERING CODE

SERIES	**NU4**	NU4
TYPE	**RDLP**	round downlight lopro
	RDTLP	round downlight trimless lopro
	RDTMWLP	round downlight trimless millwork lopro
LED	**SW**	standard white
DELIVERED LUMENS	**10LM**	990 lm
	15LM	1485 lm
	20LM	2095 lm
	25LM	2540 lm
	30LM	3090 lm
	Standard Configuration: 3000K 80CRI WH70 **Calculated Delivered Lumens =** [Delivered Lumen Value] x [CCT Multiplier] x [Reflector Multiplier]	
CCT	**27K**	2700K
	30K	3000K
	35K	3500K
	40K	4000K

CCT	2700K		3000K		3500K		4000K	
CRI	80+	90+	80+	90+	80+	90+	80+	90+
CCT MULTIPLIER FOR LUMEN OUTPUT	0.96	0.81	1.00	0.85	1.03	0.88	1.06	0.91

CRI	**80**	80 CRI	
	90	90 CRI	
OPTIC & LM MULTIPLIER SEE PAGE 5, 6	**8D**[1]	8 degrees	(1.00)
	12D[1]	12 degrees	(1.00)
	20D	20 degrees	(0.99)
	25D	25 degrees	(1.00)
	35D	35 degrees	(0.99)
	50D	50 degrees	(0.99)
	65D	65 degrees	(0.99)
BEZEL LENS SEE PAGE 3, 4	**NL**[2]	no lens	(1.00)
	CL	clear lens	(0.98)
	DL	diffused lens	(0.91)
	E[3]	elliptical beam spread	(0.92)
	HCL[4]	honeycomb louver	(0.85)
	HET	high efficiency textured lens, similar to Solite™	(0.92)
	SBL	smoothing beam lens	(0.92)
	Color lenses (amber, blue, green, red) see page 4.		
TRIM COLOR SEE PAGE 3, 4	**BK**	black	
	WH	white	
	MC	matte chrome	
	BZ	bronze	
	WT	wheat	
	CC[5]	custom color, consult factory for details	
	Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM.		
	Not applicable to trimless option. Do not include in trimless ordering code.		
BEZEL COLOR SEE PAGE 3, 4	**BK**	black	(0.98)
	WH	white	(1.00)
	MC	matte chrome	(0.99)
	BZ	bronze	(0.98)
	WT	wheat	(0.99)
	CC[5]	custom color, consult factory for details	
	Antimicrobial finish, add **AM** to black, white or matte chrome i.e. BKAM.		

8°- 65° BEAM ORDERING CODE

MOUNTING OPTIONS SEE PAGE 2, 8	**NC**	new construction with ceiling fitting plate
	IC[6]	insulation contact housing
	RET	retrofit, no ceiling fitting plate
VOLTAGE	**120**	120V
	UNV	120V-277V
DIMMING	**ELV1**[7]	leading & trailing edge (Triac/ELV) dimming to 1%
	DIM10	0-10V dimming to 1%
ELECTRICAL OPTIONS	**EM7**	emergency battery backup, 90 minutes at 7W to LED
	EM12	emergency battery backup, 90 minutes at 12W to LED
	EM10CA20	remote emergency battery backup, 90 minutes at 10W to LED, CA title 20

ADDITIONAL MOUNTING INFO

New Construction Bar Hangers (included)	Mounting Length: 14-3/4" to 26"
Extension Kit p/n: K20266 (ordered separately, 1 per fixture)	*Extends a pair of Bar Hangers* Total Mounting Length: 29" to 48"

YOUR COMPLETED ORDERING CODE

Follow the steps to specify your fixture, example:

NU4 - RDLP - SW - 20LM - 35K - 90 - 25D - NL - WH - WH - NC - UNV - DIM10 - EM7

NOTES

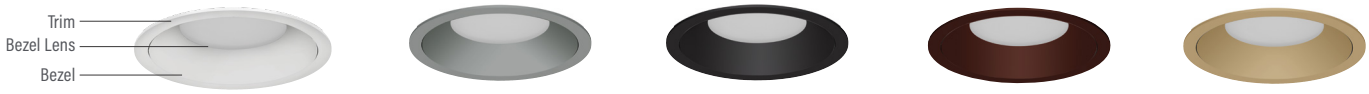
1. 8D/12D available in 10LM/15LM.
2. NL option does not meet requirements for AT/DF/WET/NSF listings. Lensing cannot be added in the field.
3. Elliptical lens not available with 8D/12D optic options. Actual beam distributions [20D= 35° x 60° , 25D= 40° x 65° , 35D= 45° x 70° , 55D= 55° x 80°]
4. HCL not available with lens.
5. Custom set up fee plus minimum quantity required per color.
6. IC not available in 30LM.
7. ELV1 (120V) not available in 10LM.

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

TRIM OPTIONS

TRIM/BEZEL COLORS



WH MC BK BZ WT

OPTICAL OPTIONS

- UGR calculation based on CIE 117-1995; room size: 4H X 8H, reflectance: 70/50/20;
- UGR calculation based on 15LM fixtures, unless otherwise noted.

REFLECTOR OPTIC ACCESSORY
Honeycomb Louver

OPTIC	BEAM ANGLE	UGR
8D	7.8	10.9
12D	11.3	23.5
20D	17.4	12.5
25D	22.2	13.9
35D	32.4	16.5
50D	44.9	13.4
65D	52	15.5

NL
No Lens

OPTIC	BEAM ANGLE	UGR
8D	7.8	14.2
12D	11.9	13.8
20D	18	13.6
25D	22.8	13.1
35D	36.2	14.5
50D	49.2	18.3
65D	64.5	18.8

CL
Clear Lens

OPTIC	BEAM ANGLE	UGR
8D	7.9	13.7
12D	12.1	13.3
20D	18	13.3
25D	22.8	12.8
35D	36.2	14.2
50D	49.2	18.1
65D	64.6	18.5

DL
Diffused Lens

OPTIC	BEAM ANGLE	UGR
20D	39.4	19.5
25D	42.4	19.8
35D	50.6	20.8
50D	56.7	21.4
65D	66.7	23.3

HET
High Efficiency Textured Lens

OPTIC	BEAM ANGLE	UGR
20D	22.5	13.8
25D	27	14
35D	38.8	15.8
50D	49.8	16.5
65D	60.4	19.5

SBL
Smoothing Beam Lens

OPTIC	BEAM ANGLE	UGR
8D	10.2	12.8
12D	13.2	12.9
20D	19.3	13
25D	24.3	13.1
35D	37.2	14.8
50D	51.2	15.6
65D	62.2	18.8

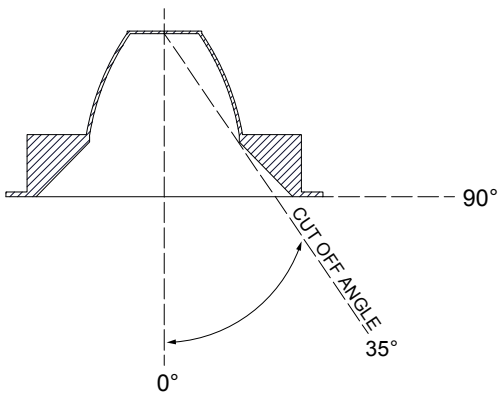
GLARE CONTROL

CUT-OFF ANGLE

Visual comfort is achieved with a lower cut-off angle due to improved glare control. The smaller the cut-off angle, the easier it is on the eye.

Alphabet downlights have been thoughtfully engineered to eliminate glare while still delivering functional illumination.

- Cutoff angle of CL is 35 degrees;

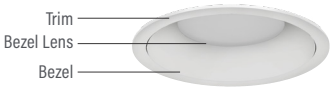


alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

TRIM OPTIONS

TRIM/BEZEL COLORS



WH

MC

BK

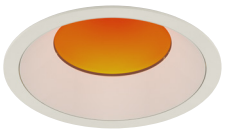
BZ

WT

OPTICAL OPTIONS

- UGR calculation based on CIE 117-1995; room size: 4H X 8H, reflectance: 70/50/20;
- UGR calculation based on 15LM fixtures, unless otherwise noted.

AMBER



OPTIC	MULTIPLIER	BEAM SPREAD
20D	0.485	18°
25D	0.484	22°
35D	0.485	35°
50D	0.48	50°
65D	0.473	60°

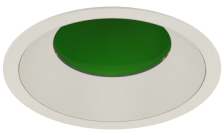
AVERAGE LUMENS: 2000LM 1880 CCT

RED

OPTIC	MULTIPLIER	BEAM SPREAD
20D	0.04	18°
25D	0.04	22°
35D	0.04	35°
50D	0.04	50°
65D	0.038	60°

AVERAGE LUMENS: 168LM

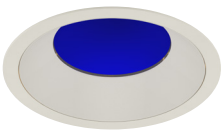
GREEN



OPTIC	MULTIPLIER	BEAM SPREAD
20D	0.202	18°
25D	0.202	22°
35D	0.204	35°
50D	0.2	50°
65D	0.196	60°

AVERAGE LUMENS: 850LM

BLUE



OPTIC	MULTIPLIER	BEAM SPREAD
20D	0.051	18°
25D	0.051	22°
35D	0.053	35°
50D	0.05	50°
65D	0.049	60°

AVERAGE LUMENS: 210LM

Add AM / BL / GR / RD to bezel lens ordering code section.
Example: NU4 - RD - SW - 10LM - 30K - 80 - 35D - **BL** - WH - WH - NC - UNV - DIM

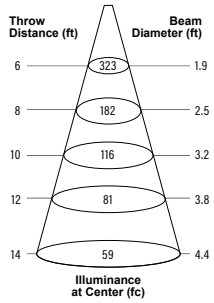
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA

20LM CCT MULTIPLIERS		
	80CRI	90CRI
2700K	0.96	0.81
3000K	1	0.85
3500K	1.03	0.88
4000K	1.06	0.91
FC Formula = CBCP / Distance^2		

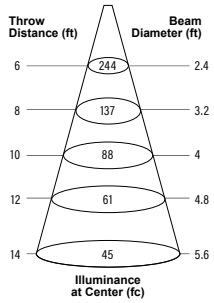
20D 18° NO LENS



WATTS: 17.2	LPW: 121.4
LUMENS: 2088	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	11622
5	10517
15	2170
25	862
35	401
45	3

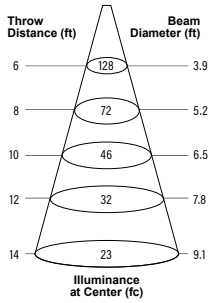
25D 23° NO LENS



WATTS: 17.2	LPW: 122.1
LUMENS: 2099	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	8779
5	7589
15	2759
25	940
35	372
45	2

35D 36° NO LENS

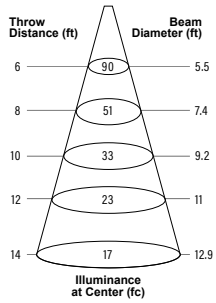


WATTS: 17.2	LPW: 120.6
LUMENS: 2074	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	4594
5	4283
15	2845
25	1317
35	435
45	10

20LM CCT MULTIPLIERS		
	80CRI	90CRI
2700K	0.96	0.81
3000K	1	0.85
3500K	1.03	0.88
4000K	1.06	0.91
FC Formula = CBCP / Distance^2		

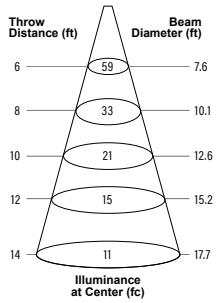
50D 49° NO LENS



WATTS: 17.2	LPW: 121.2
LUMENS: 2085	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	3253
5	3231
15	2606
25	1591
35	450
45	13

65D 65° NO LENS



WATTS: 17.2	LPW: 120.9
LUMENS: 2080	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	2103
5	2101
15	1990
25	1520
35	779
45	144

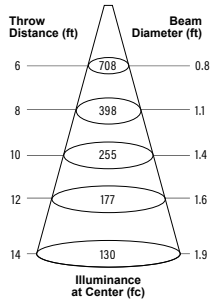
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

PHOTOMETRIC DATA

10LM CCT MULTIPLIERS		
	80CRI	90CRI
2700K	0.96	0.81
3000K	1	0.85
3500K	1.03	0.88
4000K	1.06	0.91
FC Formula = CBCP / Distance^2		

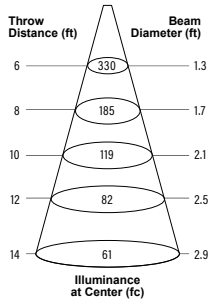
8D
7.8° NO LENS



WATTS: 10.2	LPW: 97.9
LUMENS: 998	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	25483
5	8161
15	463
25	362
35	215
45	0.5

12D
12° NO LENS



WATTS: 8.7	LPW: 115
LUMENS: 1001	CCT: 3000K

INTENSITY	
DEGREE	CANDELA
0	11863
5	7515
15	660
25	371
35	192
45	0.3

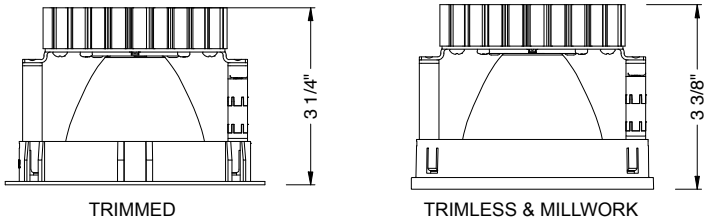
alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS

FIXTURE HEIGHT

10M - 30LM CONFIGURATION

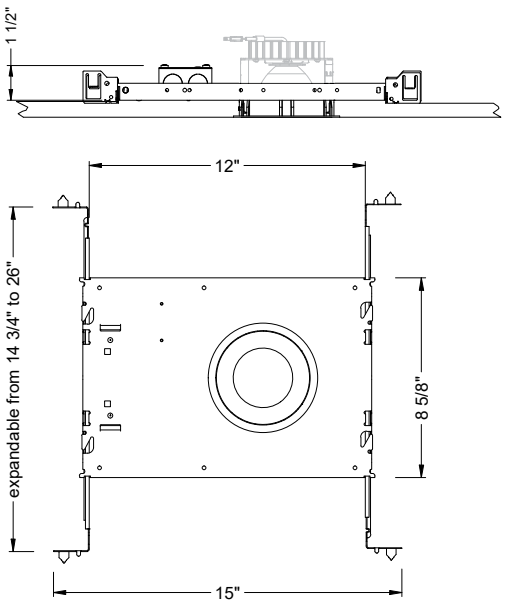


TRIMMED

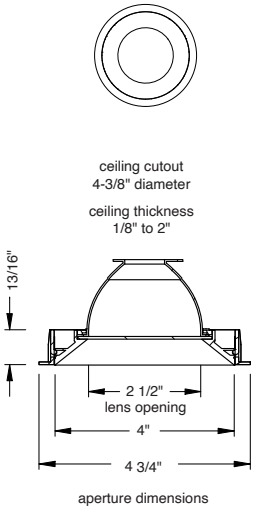
TRIMLESS & MILLWORK

NC - NEW CONSTRUCTION

TRIM

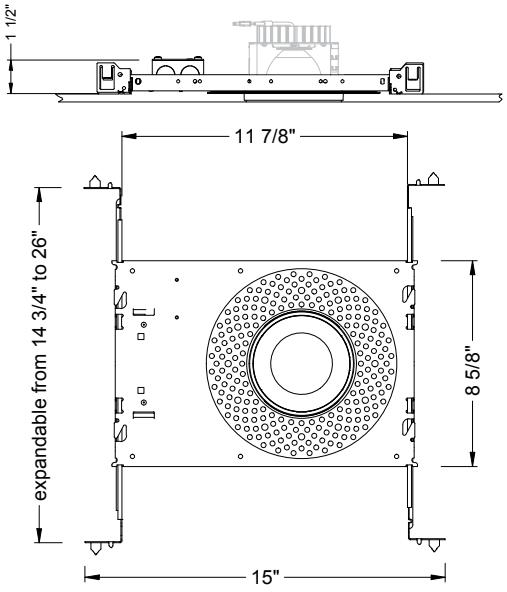


TRIM

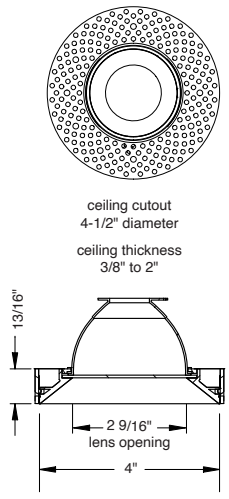


aperture dimensions

TRIMLESS

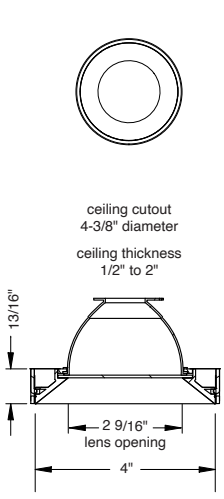


TRIMLESS



aperture dimensions

TRIMLESS/MILLWORK



aperture dimensions

100878

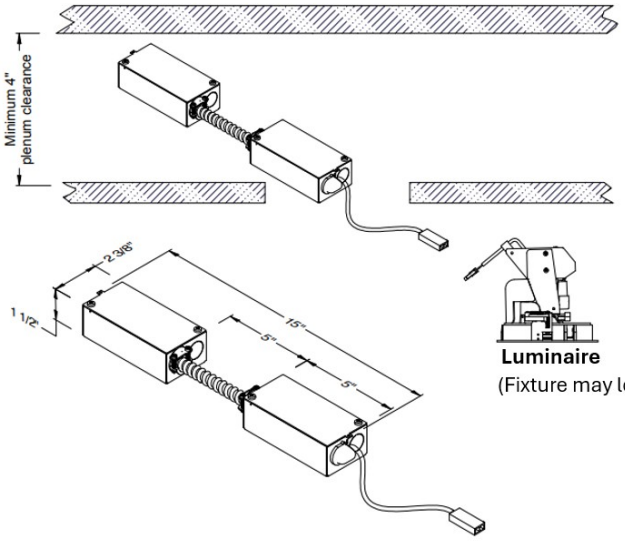
In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product.

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

MOUNTING OPTIONS (CONTINUED)

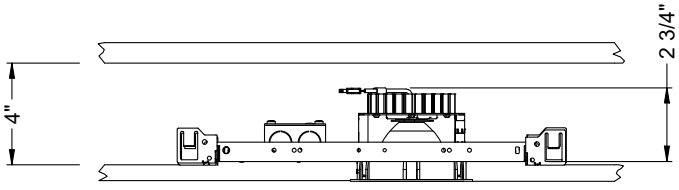
RET - RETRO
TRIM/TRIMLESS

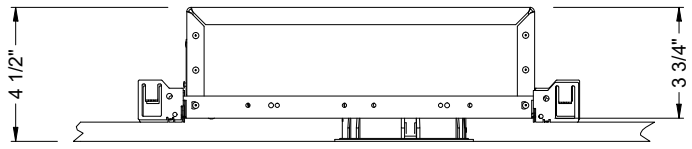


Luminaire
(Fixture may look different)

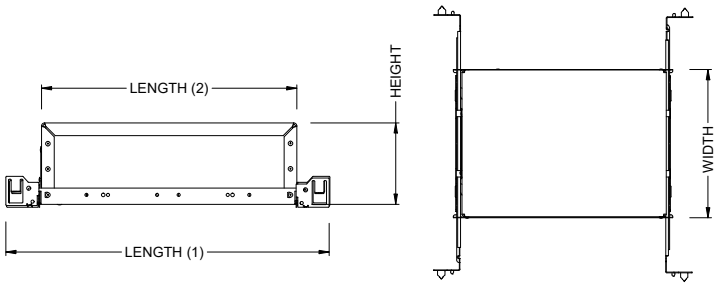
RATINGS / CERTIFICATIONS	NC	RET	IC
TYPE NON-IC	✔	✔	
TYPE IC			✔
CHICAGO PLENUM (CCEA)			
SUITABLE FOR AIR HANDLING PLENUMS	✔	✔	✔
REDUCED AIRFLOW (WITH LENS) ASTM E283	✔	✔	✔

CEILING THICKNESS	
FIXTURE TYPE	MOUNTING TYPE
	NC, IC, RET
	STANDARD CEILING THICKNESS
TRIM	1/8" to 2"
TRIMLESS	3/8" to 2"
MILLWORK (TRIMLESS)	1/2" to 2"





IC - INSULATION CONTACT HOUSING



BOX SIZE	L 1	L 2	W	H
A	15 - 7/16"	11 - 3/4"	8 - 1/2"	3 - 3/4"

BOX TYPE / LUMEN OUTPUT - NARROW BEAM (8° - 12°)	
LUMEN OUTPUT	IC
10LM	✔
15LM	✔

BOX TYPE / LUMEN OUTPUT - STANDARD BEAMS (20° - 65°)	
LUMEN OUTPUT	IC
10LM	✔
15LM	✔
20LM	✔
25LM	✔
30LM	

alphabet

PROJECT INFORMATION			
JOB NAME		TYPE	
ORDERING CODE			

BATTERY OPTIONS

EMERGENCY BATTERY

IOTA's ILB Battery Backups are UL Listed LED emergency drivers that allow the same LED fixture to be used for both normal and emergency operation. In the event of a power failure, the ILB switches to the emergency mode and operates the existing fixture for 90 minutes. The unit contains a battery, charger, and converter circuit in a single can. The Constant Power design of the ILB maintains the output wattage to the LED array even as the system voltage diminishes. UL 924 Listed for U.S. and Canada. UL 1310 Certified, Output Class 2 Compliant. Includes single-piece TBTS test switch and charge indicator accessory kit. For use with switched and unswitched fixtures, and includes Two-wire universal AC input. Meets or exceeds all National Electric Code and Life Safety Code Emergency Lighting Requirements. Rated for use in Plenum, Damp Location, Recessed Type IC, and Enclosed and Gasketed Luminares.

REMOTE TEST SWITCH

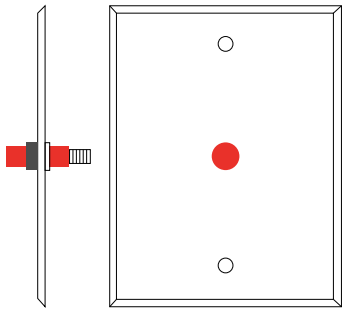
The Remote Test Switch may be mounted adjacent to the LED Fixture by others.

EMERGENCY BATTERY ACCESS

Above ceiling access is required for service. An access panel in the ceiling (or other form of access) adjacent to the installation location of the Emergency Battery is required.

REMOTE LOCATION

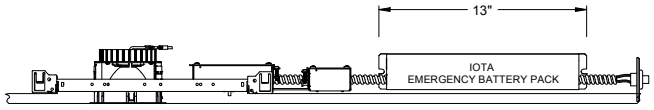
Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all Local and National Electric/ Building Codes.



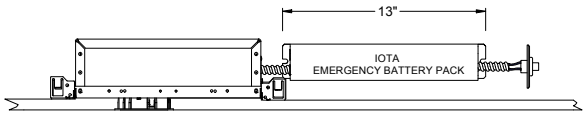
Remote Test Switch

EM MODE OUTPUT (DELIVERED LUMENS)			
LUMEN ORDERING CODE	EM7	EM10	EM12
ALL OPTIONS (10LM TO 30LM)	700LM	1000LM	1200LM
Notes: Based on 30K, 80CRI			

NC - NEW CONSTRUCTION
WITH EM BATTERY (REMOTE TEST SWITCH)

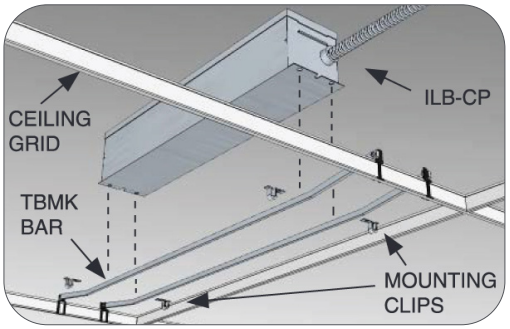


IC - INSULATION CONTACT HOUSING
WITH EM BATTERY (REMOTE TEST SWITCH)



Accessory

76066 Optional T-Grid Mounting Kit[2]



2. Can be used with any of the Emergency Battery Backups. Must be ordered as a separate line item.

In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product.

ARCHITECTURE

May 22, 2026

Mr. Chairman and Members of the Planning and Zoning Commission
City of Rockwall
385 S. Goliad Street
Rockwall, Texas 75087

Re: Variance Request — Site Plan Application No. SP2026-015
Site Plan for Strip Retail Center at 2200 Ridge Road, Rockwall, Texas 75087

Dear Mr. Chairman and Members of the Commission:

Pursuant to our correspondence with City Staff regarding the Site Plan Application staff comments for SP2026-015, and in accordance with Article 11 of the Unified Development Code (UDC), please find below our formal variance request along with the required compensatory measures. For each variance requested, we have provided two (2) compensatory measures above and beyond the requirements of the UDC, as required by Subsection 09.01 of Article 11.

Variance Request No. 1 — Landscape Buffer Along Ridge Road (FM-740)

UDC Reference: Subsection 05.01, Article 08 — Landscape Buffers

Description of Variance Requested:
The applicant respectfully requests a variance to Subsection 05.01 of Article 08 of the UDC, which requires a 15-foot landscape buffer along Ridge Road (FM-740) and prohibits parking within that buffer. The proposed site plan includes a row of 15 parking spaces (20’ x 9’ each) running parallel to Ridge Road. Due to the circumstances described below, the outer edge of these parking spaces encroaches less than 2 feet into the required 15-foot landscape buffer along the Ridge Road frontage.

Basis and Justification for Variance:
The encroachment into the landscape buffer is the result of an existing physical condition on the site that is beyond the control of the applicant. The fire lane along Ridge Road is currently in place and in active use. This fire lane was constructed approximately 2 feet southeast of its designed location, displacing it toward the landscape buffer area. Because the fire lane must remain in its current location to maintain required emergency access, the proposed parking row — which would otherwise conform to the UDC — cannot be shifted further from the property line without conflicting with the fire lane.
The encroachment is minor in scale, measuring less than 2 feet across a row of 15 parking spaces, and is solely attributable to the pre-existing misalignment of the fire lane rather than to any design preference of the applicant. The remainder of the site plan, including the landscape buffer along all other frontages, fully conforms to the requirements of the UDC. The applicant

B+A Architecture - 600 Broadway Blvd. Suite 290, Kansas City, Missouri, 64105
(816) 753-6100 office

has made every reasonable effort to minimize the encroachment and has determined that no feasible alternative layout exists that would simultaneously maintain code-compliant fire lane access and fully conforming parking dimensions.

Variance Request No. 2 — Using Secondary Building Façade for Side and Rear Elevations

UDC Reference:

- Subsection 04.01 (C), Article 05 – Building Articulation
- Subsection 06.02(C)(5), Article 05 — Full (4) Sided Architecture

Description of Variance Requested:

The proposed building has been designed with an irregular configuration, resulting in six distinct façade sides. This geometry is a direct response to the unique constraints and conditions of the site and its surrounding context.
In this resubmittal, we have revised the building elevations to ensure that the primary façades comply with the majority of the Primary Building Façade standards. The remaining façades have been designed to maintain consistency in materials, detailing, and architectural features in accordance with Subsection 06.01-C.(5), which requires four-sided architectural treatment.
While these secondary façades may not fully incorporate every primary façade articulation element in the same manner as the principal frontage façade, they are designed to provide a cohesive and high-quality architectural expression consistent with the intent of the ordinance.
Based on these considerations, we respectfully request a variance for the building elevations, as the current design meets the overall intent of the code while responding appropriately to the site-specific constraints.

Compensatory Measures:
In accordance with Subsection 09.01 of Article 11 of the UDC, the applicant proposes the following five (5) compensatory measures above and beyond the minimum requirements of the UDC in exchange for the two (2) requested variances:

Compensatory Measure 1: Enhanced Landscape Planting Sizes
All trees and shrubs installed within the landscape buffer along Ridge Road (FM-740) will be provided at sizes exceeding the minimum container sizes required by the UDC. Specifically, all canopy trees will be provided at a minimum 4-inch caliper (exceeding the code-minimum 3-inch caliper), and all accent trees and shrubs will be upsized by a minimum of one container grade above the code-minimum requirement. This measure will result in a denser, more immediately effective landscape screen along the Ridge Road frontage, offsetting the visual impact of the minor buffer encroachment.

Compensatory Measure 2: Decorative Masonry Screening Wall
The applicant proposes to install a decorative masonry screening wall along the Ridge Road landscape buffer, utilizing masonry materials that complement the primary building. This wall will provide an immediate and durable visual screen between the parking area and the Ridge Road right-of-way, enhancing the appearance of the development from the public street and mitigating any visual impact resulting from the minor encroachment into the landscape buffer. The wall

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(816) 753-6100 office

design will be subject to staff review and approval to ensure consistency with the Scenic Overlay (SOV) District standards.

Compensatory Measure 3 – Enhanced Natural Stone Material Usage
Natural stone materials have been incorporated extensively on all building façades, significantly exceeding the minimum code requirement of 20%.

- Front (Primary) Elevation: approximately 38% stone coverage
- Side Elevations: up to approximately 43% stone coverage

This enhanced material application strengthens the architectural character and visual quality of the building from all public viewpoints.

Compensatory Measure 4 – Additional Architectural Enhancements
The building design incorporates five (5) distinct architectural articulation elements throughout the façades, including: (1)Awnings, (2) Wall Recesses and Projections, (3) Display Windows, (4) Articulated Cornice Lines, (5) Varied Roof Heights.

Compensatory Measure 5 – Additional Architectural Enhancements

Additionally, display windows have been added to the rear elevation, even where not functionally required for the retail spaces, in order to enhance the architectural appearance and maintain visual consistency on all sides of the building.

The applicant respectfully submits that the requested variance is warranted given the pre-existing site condition that creates the hardship, the minor and unavoidable nature of the encroachment, and the meaningful compensatory measures offered above. We believe the proposed compensatory measures will result in a landscape buffer that is visually superior to what would otherwise be required, and that the overall development will be a high-quality addition consistent with the goals of the Scenic Overlay District.
We appreciate the Commission's consideration of this request and welcome the opportunity to present and discuss this matter at the upcoming Planning and Zoning Commission work session on May 26, 2026. Please do not hesitate to contact us should you require any additional information.

Respectfully submitted,

Thong Thai
Managing Partner, RA
B+A Architecture LLC

On behalf of Kim Lien Thi Nguyen, Beauty Legacy, LLC
Applicant — Site Plan SP2026-015

cc:
Henry Lee, Planning Department, City of Rockwall
Henry Nguyen Consulting, LLC — Civil Engineer of Record
Kim Lien Thi Nguyen, Beauty Legacy, LLC — Property Owner

B+A Architecture - 600 Broadway Blvd. Suite 290, Kansas City, Missouri, 64105
(816) 753-6100 office

DATE: June 11, 2026

TO: Thong Thai
B+A Architecture, LLC
600 Broadway Boulevard, Suite 290
Kansas City, MO 64105

CC: Kim Lien Nguyen
Beauty Legacy, LLC
5115 Lacey Circle
Sachse, TX 75048

FROM: Henry Lee, *AICP*
City of Rockwall Planning and Zoning Department
385 S. Goliad Street
Rockwall, TX 75087

SUBJECT: SP2026-015; *Site Plan for 2200 Ridge Road*

Thong Thai,

This letter serves to notify you that the above referenced case (*i.e. Site Plan*) that you submitted for consideration by the City of Rockwall was approved by the Planning and Zoning Commission on June 9, 2026. The following is a record of all recommendations, voting records:

Conditions of Approval:

(1) All staff comments provided by the Planning, Engineering and Fire Department must be addressed prior to the submittal of engineering plans; and,

(2) Any RTUs that are visible over the parapet shall be screened with either the parapet or a louver system; and,

(3) Any construction resulting from the approval of this *Site Plan* shall conform to the requirements set forth by the Unified Development Code (UDC), the International Building Code (IBC), the Rockwall Municipal Code of Ordinances, city adopted engineering and fire codes and with all other applicable regulatory requirements administered and/or enforced by the state and federal government.

Planning and Zoning Commission
On June 9, 2026, the Planning and Zoning Commission approved a motion to approve the Site Plan with a vote of 6-0, with the recommendations from the Architectural Review Board, and Commissioner Conway absent.

Should you have any questions or concerns regarding your site plan case, please feel free to contact me at (972) 772-6434.

Sincerely,

Henry Lee, *AICP*, *Senior Planner*
City of Rockwall Planning and Zoning Department