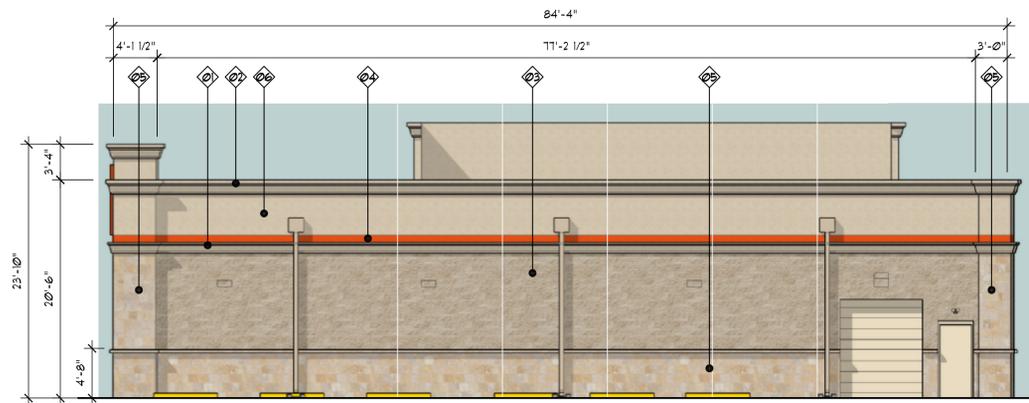


1 WEST ELEVATION  
SCALE: 1/8" = 1'-0"



2 NORTH ELEVATION  
SCALE: 1/8" = 1'-0"



3 EAST ELEVATION  
SCALE: 1/8" = 1'-0"



4 SOUTH ELEVATION (ADJACENT TO RIGHT-OF-WAY)  
SCALE: 1/8" = 1'-0"

**WEST ELEVATION:**

TOTAL SURFACE AREA	1,723 SF		
LESS GLAZING/DOORS	-0 SF		
<b>TOTAL MASONRY PROVIDED:</b>	<b>466 SF</b>	<b>(100%)</b>	<b>MIN. REQUIRED: 30%</b>
NATURAL STONE PROVIDED:	466 SF	(29.3%)	MIN. REQUIRED: 20% OF 90% OF SURFACE AREA

**MATERIALS:**

SPLIT FACE CMU	681 SF	(39.1%)
NATURAL STONE	466 SF	(27.0%)
STUCCO	516 SF	(33.3%)
GLAZING/DOORS	0 SF	(N/A)

**HORIZONTAL ARTICULATION:**

PROJECTING OFFSET PROVIDED:	8"	MIN. REQUIRED: 25% x 20'-6"H + 5'-1 1/2"
LENGTH OF OFFSET PROVIDED:	21'-4"	MIN. REQUIRED: 25% x 83'-0"L + 20'-9"
DISTANCE BETWEEN PROVIDED:	30'-10"	MAX. ALLOWED: 3 x 20'-6"H + 61'-6" OR 60'-0" MAX.

**VERTICAL ARTICULATION:**

PROJECTING OFFSET PROVIDED:	5'-4"	MIN. REQUIRED: 25% x 20'-6"H + 5'-1 1/2"
LENGTH OF OFFSET PROVIDED:	21'-4"	MIN. REQUIRED: 25% x 83'-0"L + 20'-9"
DISTANCE BETWEEN PROVIDED:	30'-10"	MAX. ALLOWED: 3 x 20'-6"H + 61'-6" OR 60'-0" MAX.

- KEYNOTES:**
- 01 3-COAT STUCCO TRIM, PAINT "BEACHCOMBER 20YY"
  - 02 3-COAT STUCCO CORNICE, PAINT "BEACHCOMBER 20YY"
  - 03 SPLIT FACE CMU, PAINT "CASTLEROCK 10YY"
  - 04 3-COAT STUCCO, PAINT "AAP RED"
  - 05 NATURAL STONE WITH CAP, "TEXAS RUST"
  - 06 3-COAT STUCCO, PAINT "BEACHCOMBER 20YY"

**NORTH ELEVATION:**

TOTAL SURFACE AREA	1,723 SF		
LESS GLAZING/DOORS	-93 SF		
<b>TOTAL MASONRY PROVIDED:</b>	<b>1,630 SF</b>	<b>(100%)</b>	<b>MIN. REQUIRED: 30%</b>
NATURAL STONE PROVIDED:	451 SF	(31.2%)	MIN. REQUIRED: 20% OF 90% OF SURFACE AREA

**MATERIALS:**

SPLIT FACE CMU	650 SF	(37.6%)
NATURAL STONE	451 SF	(26.4%)
STUCCO	523 SF	(30.2%)
GLAZING/DOORS	93 SF	(5.8%)

**HORIZONTAL ARTICULATION:**

PROJECTING OFFSET PROVIDED:	2'-0"	MIN. REQUIRED: 25% x 20'-6"H + 5'-1 1/2"
LENGTH OF OFFSET PROVIDED:	21'-4"	MIN. REQUIRED: 25% x 83'-0"L + 20'-9"
DISTANCE BETWEEN PROVIDED:	30'-10"	MAX. ALLOWED: 3 x 20'-6"H + 61'-6" OR 60'-0" MAX.

**VERTICAL ARTICULATION:**

PROJECTING OFFSET PROVIDED:	5'-4"	MIN. REQUIRED: 25% x 20'-6"H + 5'-1 1/2"
LENGTH OF OFFSET PROVIDED:	21'-4"	MIN. REQUIRED: 25% x 83'-0"L + 20'-9"
DISTANCE BETWEEN PROVIDED:	30'-10"	MAX. ALLOWED: 3 x 20'-6"H + 61'-6" OR 60'-0" MAX.

**EAST ELEVATION:**

TOTAL SURFACE AREA	1,881 SF		
LESS GLAZING/DOORS	-0 SF		
<b>TOTAL MASONRY PROVIDED:</b>	<b>1,881 SF</b>	<b>(100%)</b>	<b>MIN. REQUIRED: 30%</b>
NATURAL STONE PROVIDED:	466 SF	(21.5%)	MIN. REQUIRED: 20% OF 90% OF SURFACE AREA

**MATERIALS:**

SPLIT FACE CMU	681 SF	(36.5%)
NATURAL STONE	466 SF	(24.8%)
STUCCO	728 SF	(38.7%)
GLAZING/DOORS	0 SF	(N/A)

**HORIZONTAL ARTICULATION:**

PROJECTING OFFSET PROVIDED:	8"	MIN. REQUIRED: 25% x 20'-6"H + 5'-1 1/2"
LENGTH OF OFFSET PROVIDED:	41'-9"	MIN. REQUIRED: 25% x 83'-0"L + 20'-9"
DISTANCE BETWEEN PROVIDED:	20'-7"	MAX. ALLOWED: 3 x 20'-6"H + 61'-6" OR 60'-0" MAX.

**VERTICAL ARTICULATION:**

PROJECTING OFFSET PROVIDED:	5'-4"	MIN. REQUIRED: 25% x 20'-6"H + 5'-1 1/2"
LENGTH OF OFFSET PROVIDED:	41'-9"	MIN. REQUIRED: 25% x 83'-0"L + 20'-9"
DISTANCE BETWEEN PROVIDED:	20'-7"	MAX. ALLOWED: 3 x 20'-6"H + 61'-6" OR 60'-0" MAX.

**SOUTH ELEVATION:**

TOTAL SURFACE AREA	1,972 SF		
LESS GLAZING/DOORS	-350 SF		
<b>TOTAL MASONRY PROVIDED:</b>	<b>1,622 SF</b>	<b>(100%)</b>	<b>MIN. REQUIRED: 30%</b>
NATURAL STONE PROVIDED:	493 SF	(34.2%)	MIN. REQUIRED: 20% OF 90% OF SURFACE AREA

**MATERIALS:**

SPLIT FACE CMU	372 SF	(18.9%)
NATURAL STONE	493 SF	(25.3%)
STUCCO	751 SF	(38.1%)
GLAZING/DOORS	350 SF	(17.7%)

**HORIZONTAL ARTICULATION:**

PROJECTING OFFSET PROVIDED:	2'-0"	MIN. REQUIRED: 25% x 20'-6"H + 5'-1 1/2"
LENGTH OF OFFSET PROVIDED:	49'-6"	MIN. REQUIRED: 25% x 83'-0"L + 20'-9"
DISTANCE BETWEEN PROVIDED:	25'-4"	MAX. ALLOWED: 3 x 20'-6"H + 61'-6" OR 60'-0" MAX.

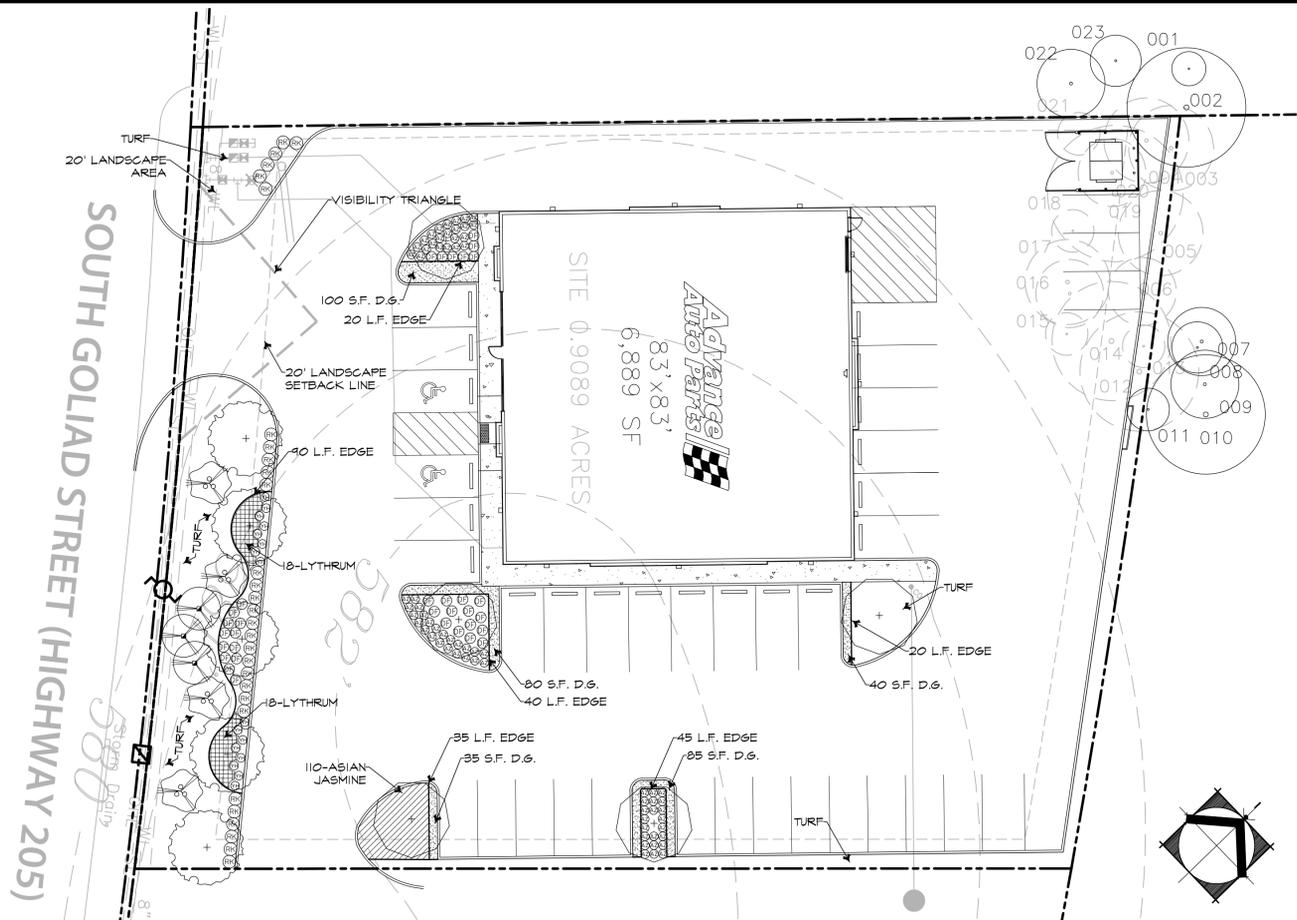
**VERTICAL ARTICULATION:**

PROJECTING OFFSET PROVIDED:	5'-4"	MIN. REQUIRED: 25% x 20'-6"H + 5'-1 1/2"
LENGTH OF OFFSET PROVIDED:	49'-6"	MIN. REQUIRED: 25% x 83'-0"L + 20'-9"
DISTANCE BETWEEN PROVIDED:	25'-4"	MAX. ALLOWED: 3 x 20'-6"H + 61'-6" OR 60'-0" MAX.

REV	DATE	DESCRIPTION

DATE	GROSS SQ. FT.
05-20-15	6,889 sf
PROJECT #	P1461.003
DRAWN BY:	SWH
CHECK BY:	RED/EJC

ALL REPORTS, PLANS, SPECIFICATIONS, FIELD DATA, NOTES AND OTHER DOCUMENTS INCLUDING ALL DOCUMENTS ON ELECTRONIC MEDIA, PREPARED BY THE DESIGN PROFESSIONAL AS INSTRUMENTS OF SERVICE SHALL REMAIN THE PROPERTY OF THE DESIGN PROFESSIONAL. DISSEMINATION MAY NOT BE MADE WITHOUT PRIOR CONSENT OF THE DESIGN PROFESSIONAL. ALL COMMON LAW RIGHTS OF COPYRIGHT AND OTHERWISE, ARE HEREBY SPECIFICALLY RESERVED.



**LANDSCAPE CALCULATIONS**

**LANDSCAPE AREA**

Total Site Area	Required	Provided
35,542 sf.	N/A	35,542 sf.
Landscape Area (15%)	5,331 sf.	5,310 sf. (16%)

**BUFFER TREES**

Canopy Trees	Required	Provided
175 LF/100 = 1.75 x 3 =	5 trees	5 trees
Accent Trees	Required	Provided
175 LF/100 = 1.75 x 4 =	7 trees	7 trees

**PARKING LANDSCAPING**

Parking area	Required	Provided
Landscape area (5%)	1,281 sf.	25,757 sf.
Required Trees (1 per 10 spaces)	39/10 = 4 trees	1,290 sf.
		5 trees

**REQUIRED MITIGATION**

(012) 14" Hackberry	50%	7"	
(014) 14" Hackberry	50%	7"	
(018) 5" Ash	100%	5"	
(019) 16" Hackberry	50%	8"	
(021) 5" Ash	100%	5"	
Total		32"	+ 35"

**TREE LIST**

TREE#	SIZE	TYPE
001	4"	HACK BERRY
002	14"	PRICKLY ASH AKA TICKLE TOUNGE
(R) 003	10"	HACK BERRY
(R) 004	10"	HACK BERRY
(R) 005	10"	HACK BERRY
(R) 006	8"	HACK BERRY
(R) 007	8"	HACK BERRY
(R) 008	6"	HACK BERRY
(R) 009	8"	HACK BERRY
(R) 010	14"	DOUBLE HACK BERRY
(R) 011	5"	HACK BERRY
(R) 012	14"	HACK BERRY
(R) 013	5"	HACK BERRY
(R) 014	14"	HACK BERRY
(R) 015	5"	HACK BERRY
(R) 016	8"	HACK BERRY
(R) 017	10"	HACK BERRY
(R) 018	5"	PRICKLY ASH AKA TICKLE TOUNGE
(R) 019	16"	HACK BERRY
(R) 020	8"	HACK BERRY
(R) 021	5"	PRICKLY ASH AKA TICKLE TOUNGE
(R) 022	8"	HACK BERRY
(R) 023	6"	HACK BERRY

\* (R) = REMOVE

HB = Hack Berry  
PA = Prickly Ash aka Tickle Tounge  
Dbl = Double

**GENERAL LANDSCAPE NOTES**

- Contractor shall be responsible for visiting and investigating the site prior to submitting a Bid Proposal.
- Contractor shall provide all labor and materials to complete the work shown on the plans.
- Contractor shall be responsible for fine grading the site. Notify owner and/or representative for review and approval prior to commencing any landscape work. Sodded areas shall be raked smooth, clear of stones over 1" in diameter, and fine graded to blend with natural grade. All areas shall achieve positive drainage to avoid ponding.
- Contractor shall be responsible for erosion control of sloped areas within limits of work.
- Contractor shall be responsible for laying out beds and lawn area as per planting plans. Layout shall be by placing flags, stakes, or painting the ground. Notify owner and/or representative for review and approval of these areas prior to construction.
- Quantities provided in the plant list are for general use only. Contractor is responsible for verification of all plant quantities.
- All proposed landscaping is to be installed as per local city ordinances and codes. Notify owner's representative of any discrepancies prior to construction.
- All plant material and containers shall comply with The American Association of Nurserymen Standards..
- Plants are subject to inspection and approval by the landscape architect. It is recommended that the contractor present the owner's representative with photographs of all material for approval prior to delivery.
- Contractor to provide a sample of each type of plant to be used for "minimum quality specimen" standards. The remaining plantings installed on the site shall be compared to these specimen standards. **Plants not meeting the standards will be rejected.**
- Planting mix to be "Garden-Ville Compost" (800-375-8375).
- Unless noted, shrubs and trees shall be pocket planted. Excavate planting hole 1-1/2 times the width and height of the root ball. Backfill with 1/3 planting mix, 1/3 native soil, and 1/3 sandy loam.
- All shade trees shall be staked with 3 T-posts with cable guy wires. Trees planted adjacent to accessible routes and accessible areas shall not have limbs below 80" above finish grade.
- All steel edging shall be COL-MET 1/8" x 4" commercial steel edging (800-829-8225).
- Unless noted, all top dressing mulch shall be 2" deep shredded hardwood mulch from Living Earth Technology (972-869-4332).
- Should the contractor be considering substitutions, notify the owner's representative AND the landscape architect prior to bidding. If no substitutions are requested, **none will be considered at a later date. Do not plant alternate species! They will be rejected.**
- Specifications will be strictly enforced! Container sizes, staking, plant size or condition, and **quantity of trunks or canes** must be as specified.
- Contractor is responsible for quality of workmanship, superintendence, scheduling of work, and coordination with other trades.
- Contractor is responsible for job safety conditions; and the removal of all trash within the site.
- Contractor to provide one-year warranty on all plant material. Warranty shall cover plants which have died, but shall not include damage by vandalism, theft, natural phenomenon or negligence by owner.
- Contractor to provide an alternate estimated price (and a detailed scope of work) for a one-year maintenance of the site.

**LANDSCAPE NOTES**

- Contractor shall be responsible for completing all required landscaping and irrigation for the entire site, to include but not limited to: sodded areas, shrub beds, parking lot islands, roadside sign base(s) and monument planters.
- Contractor shall comply with all applicable codes and ordinances regarding landscaping.
- Irrigation contractor shall be experienced in irrigation design and installation and shall provide proof of certification as a "certified irrigation contractor" according to the irrigation association of america. contractor shall provide an irrigation system installation with 100% coverage of designated planting areas using head to head coverage, minimizing possible overflow onto non-porous surfaces. Irrigation system shall be zoned and timed as appropriate to meet plant material and lawn area watering requirements. timer/control to be located inside building near electrical panel.
- It is the responsibility of the contractor to establish a healthy stand of grass on all seeded areas.
- In the event that planting beds and mulch are required, the contractor shall install black fabric weed block landscape mesh under the mulch to prevent weed growth.
- Contractor shall provide natural topsoil that is fertile, friable, without mixture of subsoil materials, and obtained from a well drained, available site. It shall not contain substances which may be harmful to plant growth. topsoil shall be screened and free from clay, lumps, stones, roots, plants, or similar substances 1" or more in diameter, debris, or other objects which might be a hindrance to planting operations. topsoil shall contain at least 4-6% organic matter by weight and have a ph range of 5.5 to 7.0 or as applicable to the region.
- Contractor shall be responsible for the watering and the maintenance of all landscaped areas until the later of: (a) thirty (30) days following the planting of the grass and shrubs, or (b) the date that advance auto parts opens for business to the public. contractor to warranty all landscaping for a total of 1 year.
- General contractor is to clean entire site of all construction debris and rake all grass areas. grass (sod) to be level, rolled and mowable.
- Provide landscape plans to advance auto parts and as required by local jurisdiction to the bldg. dept. for review and approval prior to start of work.
- All landscaping, trees, shrubs, etc. shall not interfere with the visibility of aap monument signage
- Contractor to verify quantities prior to commencing work.
- All planting areas within property boundary are to be watered with a full automatic underground sprinkle system with freeze guard. all irrigation components shall be contained within the boundary of the site. irrigation to planting areas outside of the property boundary shall originate from irrigation heads within the property boundary. contractor shall retain the services of a licensed irrigator who shall provide detailed irrigation drawings with supporting pressure loss and flow calculations. these shall be submitted to landscape architect as shop drawings for review and approval prior to commencing work.
- Open areas within planting beds shall be mulched with hardwood only. pine straw or equivalent is not an acceptable mulch.

**CANOPY TREES**

Notes: All similar species of trees shall be matched for height and uniformity. All plant materials shall be specimen quality.

SYMBOL	QUANTITY	COMMON NAME	SCIENTIFIC NAME	SIZE & CONDITION
	5	Cedar Elm	Ulmus crassifolia	8" caliper, 12' Ht.
	5	Live Oak	Quercus virginiana	8" caliper, 12' Ht.

**ORNAMENTAL TREES**

Notes: Species and trunk/cane specifications on all ornamental trees will be strictly enforced! Do not plant alternate species or alternate specification without prior approval from the landscape architect.

SYMBOL	QUANTITY	COMMON NAME	SCIENTIFIC NAME	SIZE AND CONDITION
	3	Red Bud, Texas	Cercis canadensis var. texana	6' Ht./ 4' spread, 2 1/2" caliper, B+B or container.
	4	Holly, Yaupon	Ilex vomitoria	6' Ht./ 4' spread, 2 1/2" caliper, B+B or container.

**SHRUBS**

QUANTITY	SYMBOL	COMMON NAME	SCIENTIFIC NAME	SIZE AND CONDITION
29		Rose, Red Knockout	Rosa spp. 'Radrazz'	3 gallon, 20" Ht./20" spread
99		Fringe Flower, Petite Delight	Loropetalum chinense 'Petite Delight'	5 gallon, 12' Ht./12" spread
68		Aztec Grass	Liriope muscari 'Aztec'	1 gallon 12" Ht./10" spread
16		Holly, Dwarf, Yaupon	Ilex vomitoria 'Nana'	5 gallon, 12" Ht./18" spread

**GROUNDCOVERS / PERENNIALS**

QUANTITY	SYMBOL	CALLOUT	COMMON NAME	SCIENTIFIC NAME	SIZE AND CONDITION
110			Asian Jasmine	Trachelospermum asiaticum	4" pots
36			Lythrum	Lythrum virgatum 'Morden's Pink'	1 gallon

**TURF GRASS**

QUANTITY	CALLOUT	COMMON NAME	SCIENTIFIC NAME	SIZE AND CONDITION
3250	S.F. HYDRO	Common Bermuda Grass	Cynodon dactylon	Hydromulch - refer to specifications

**MISCELLANEOUS**

QUANTITY	CALLOUT	DESCRIPTION
250	L.F. EDGE	L.F. Steel edge 1/8" x 4" with 12" stakes, green in color
520		SF 2" bed preparation as per specifications
1,400		SF 3" hardwood mulch as per specifications
340	S.F. D.G.	SF 3" decomposed granite

**NOTES**

- Quantities shown are for contractor's convenience only. Contractor is responsible for verification of all quantities.
- Contractor to provide separate line item for a one(1) year maintenance package - see maintenance specifications.

REVISIONS  
COMMENTS

DATE

**ADVANCE AUTO PARTS**  
ROCKWALL, TEXAS  
LANDSCAPE CITY SUBMITTAL PLAN

SCALE:

DATE:  
04/16/15

BENKENDORFER + ASSOCIATES  
LANDSCAPE ARCHITECTS/ENGINEERS/PLANNERS

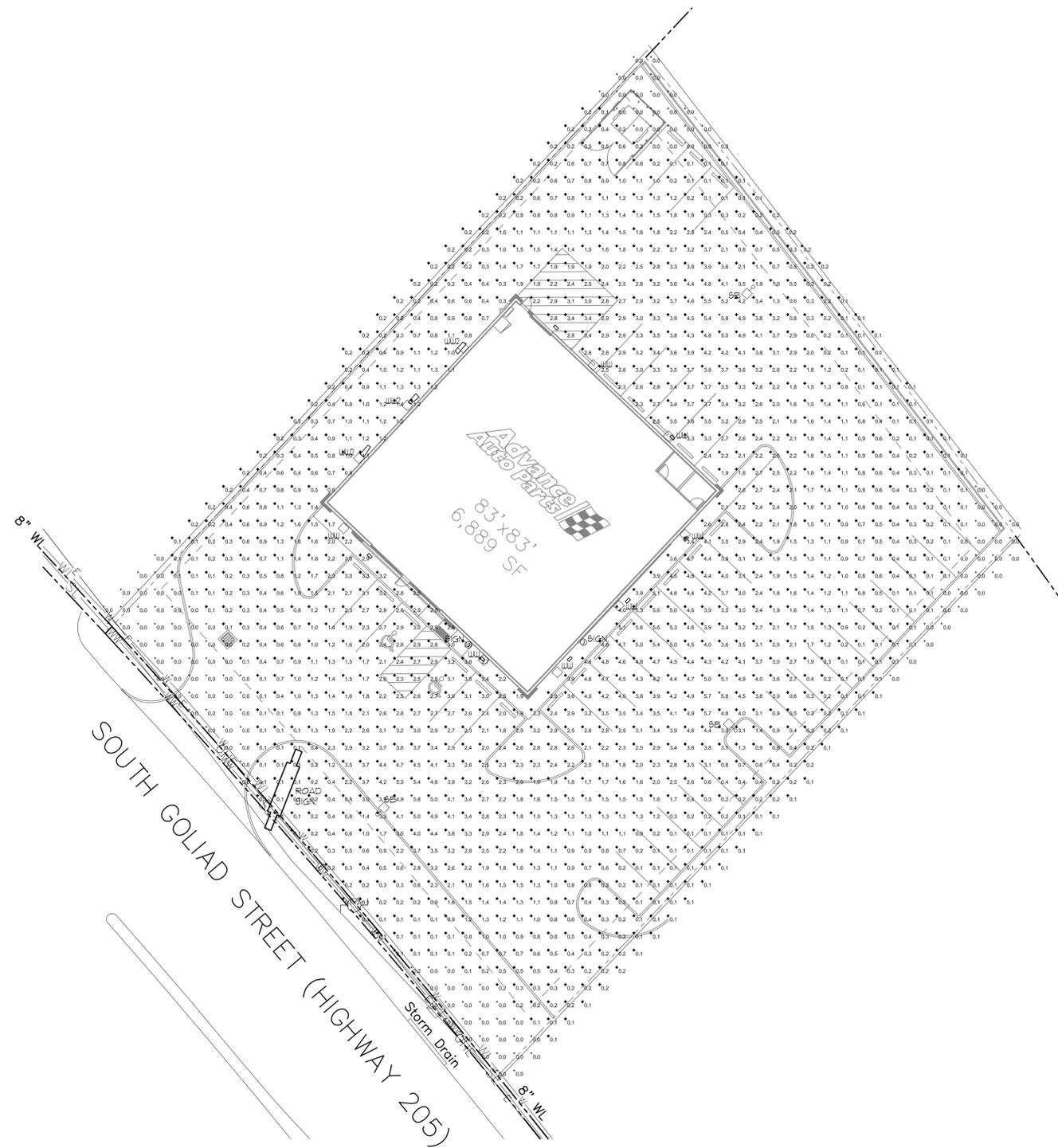
902 South Maple Expy.  
Building 15 Suite 800  
Austin, TX 78746

P: 512 368 3259  
F: 512 369 3465

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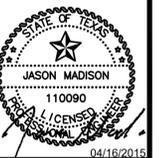
PROJECT # 030-03



1 SITE PHOTOMETRIC PLAN  
 SL1 SCALE: 1" = 20'-0"  
 TRUE NORTH PLAN NORTH

REV	DATE	DESCRIPTION

DATE	GROSS SQ. FT.
04-16-15	6,889 sf
PROJECT #	P1461.003
DRAWN BY:	SWH
CHECK BY:	RED/EJC



SITE LIGHTING PLAN

**SL2**

**GENERAL NOTES:**  
 1. LIGHT POLES, POLE BASE OR COMBINATION SHALL NOT EXCEED 20'-0". ALL LIGHTING SOURCES ARE TO BE DIRECTED DOWN AND SHIELDED.



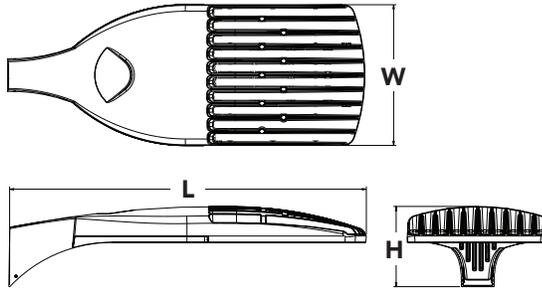
# D-Series Size 1 LED Area Luminaire



d<sup>series</sup>

## Specifications

<b>EPA:</b>	1.2 ft <sup>2</sup> (0.11 m <sup>2</sup> )
<b>Length:</b>	33" (83.8 cm)
<b>Width:</b>	13" (33.0 cm)
<b>Height:</b>	7-1/2" (19.0 cm)
<b>Weight (max):</b>	27 lbs (12.2 kg)



Catalog Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

## Introduction

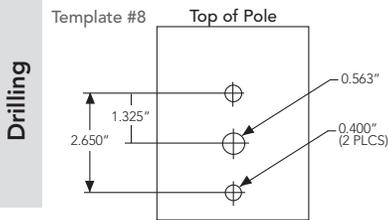
The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment.

The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing 100 – 400W metal halide in pedestrian and area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

## Ordering Information

EXAMPLE: DSX1 LED 60C 1000 40K T3M MVOLT SPA DDBXD

Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting	Control options	Other options	Finish (required)
<b>DSX1 LED</b>	<b>Forward optics</b>	530 530 mA	30K 3000 K (80 CRI min.)	T1S Type I short	<b>MVOLT<sup>3</sup></b>	<b>Shipped included</b>	<b>Shipped installed</b>	<b>Shipped installed</b>	DDBXD Dark bronze
	30C 30 LEDs (one engine)	700 700 mA	40K 4000 K (70 CRI min.)	T2S Type II short	120 <sup>3</sup>	SPA Square pole mounting	PER NEMA twist-lock receptacle only (no controls) <sup>7</sup>	HS House-side shield <sup>14</sup>	<b>DBLXD Black</b>
	40C 40 LEDs (two engines)	<b>1000 1000 mA (1 A)</b>	<b>50K 5000 K (70 CRI)</b>	T2M Type II medium	208 <sup>3</sup>	RPA Round pole mounting	DMG 0-10V dimming driver (no controls) <sup>8</sup>	WTB Utility terminal block <sup>15</sup>	DNAXD Natural aluminum
	<b>60C 60 LEDs (two engines)</b>		AMBPC Amber phosphor converted <sup>2</sup>	T3S Type III short	240 <sup>3</sup>	WBA Wall bracket	DCR Dimmable and controllable via ROAM <sup>9</sup> (no controls) <sup>9</sup>	SF Single fuse (120, 277, 347V) <sup>16</sup>	DWHXD White
	<b>Rotated optics<sup>1</sup></b>			T3M Type III medium	277 <sup>3</sup>	SPUMBA Square pole universal mounting adaptor <sup>5</sup>	DS Dual switching <sup>10,11</sup>	DF Double fuse (208, 240, 480V) <sup>16</sup>	DDBTXD Textured dark bronze
	60C 60 LEDs (two engines)			T4M Type IV medium	347 <sup>4</sup>	RPUMBA Round pole universal mounting adaptor <sup>5</sup>	PIR Motion sensor, 8-15' mounting height <sup>12</sup>	L90 Left rotated optics <sup>17</sup>	DBLTXD Textured black
				TFTM Forward throw medium	480 <sup>4</sup>	<b>Shipped separately<sup>6</sup></b>	PIRH Motion sensor, 15-30' mounting height <sup>12</sup>	R90 Right rotated optics <sup>17</sup>	DNATXD Textured natural aluminum
				T5VS Type V very short		KMA8 Mast arm mounting bracket adaptor (specify finish)	BL30 Bi-level switched dimming, 30% <sup>11,13</sup>		DWHGXD Textured white
				T5S Type V short			BL50 Bi-level switched dimming, 50% <sup>11,13</sup>		
				T5M Type V medium					
				T5W Type V wide					



<b>Accessories</b> <small>Ordered and shipped separately.</small>	<p>DLL127F 1.5 JU Photocell - SSL twist-lock (120-277V)<sup>10</sup></p> <p>DLL347F 1.5 CUL JU Photocell - SSL twist-lock (347V)<sup>10</sup></p> <p>DLL480F 1.5 CUL JU Photocell - SSL twist-lock (480V)<sup>10</sup></p> <p>SC U Shorting cap<sup>10</sup></p> <p>DSX1HS 30C U House-side shield for 30 LED unit</p> <p>DSX1HS 40C U House-side shield for 40 LED unit</p> <p>DSX1HS 60C U House-side shield for 60 LED unit</p> <p>PUMBA DDBXD U* Square and round pole universal mounting bracket adaptor (specify finish)</p> <p>KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish)<sup>6</sup></p>
--	---

DSX1 shares a unique drilling pattern with the AERIS™ family. Specify this drilling pattern when specifying poles, per the table below.

<b>DM19AS</b> Single unit	<b>DM29AS</b> 2 at 90°*
<b>DM28AS</b> 2 at 180°	<b>DM39AS</b> 3 at 90°*
<b>DM49AS</b> 4 at 90°*	<b>DM32AS</b> 3 at 120°**

Example: SSA 20 4C DM19AS DDBXD

Visit Lithonia Lighting's POLES CENTRAL to see our wide selection of poles, accessories and educational tools.

\*Round pole top must be 3.25" O.D. minimum.  
\*\*For round pole mounting (RPA) only.

## Tenon Mounting Slipfitter\*\*

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	AST20-290	AST20-320	AST20-390	AST20-490
2-7/8"	AST25-190	AST25-280	AST25-290	AST25-320	AST25-390	AST25-490
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

## NOTES

- Rotated optics only available with 60C.
- AMBPC only available with 530mA or 700mA.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options).
- Not available with single board, 530mA product (30C 530, or 60C 530 DS). Not available with DCR, BL30 or BL50.
- Available as a separate combination accessory: PUMBA (finish) U; 1.5 G vibration load rating per ANCI C136.31.
- Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option.
- DMG option for 347v or 480v requires 1000mA
- Specifies a ROAM<sup>9</sup> enabled luminaire with 0-10V dimming capability; PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM<sup>9</sup> deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A with BL30, BL50, DS, PIR or PIRH.
- Requires 40C or 60C. Provides 50/50 luminaire operation via two independent drivers on two separate circuits. N/A with PER, DCR, WTB, PIR, or PIRH.
- Requires an additional switched circuit.
- PIR specifies the SensorSwitch SBGR-10-ODP control; PIRH specifies the SensorSwitch SBGR-6-ODP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with DS or DCR.
- Dimming driver standard. MVOLT only. Not available with DCR.
- Also available as a separate accessory; see Accessories information.
- WTB not available with DS.
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Available with 60 LEDs (60C option) only.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Control.



# Performance Data

## Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 80 minimum CRI)					40K (4000 K, 70 minimum CRI)					50K (5000 K, 70 CRI)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
				30C (30 LEDs)	700 mA	68 W	T1S	5,290	1	0	1	78	6,524	2	0	2	96	7,053
			T2S	5,540	1	0	1	81	6,833	2	0	2	100	7,387	2	0	2	109
			T2M	5,360	1	0	2	79	6,611	2	0	2	97	7,147	2	0	2	105
			T3S	5,479	1	0	1	81	6,757	1	0	2	99	7,305	2	0	2	107
			T3M	5,452	1	0	2	80	6,724	2	0	2	99	7,269	2	0	2	107
			T4M	5,461	1	0	2	80	6,736	2	0	2	99	7,282	2	0	2	107
			TFTM	5,378	1	0	2	79	6,633	1	0	2	98	7,171	1	0	2	105
			T5VS	5,708	2	0	0	84	7,040	3	0	0	104	7,611	3	0	1	112
			T5S	5,639	2	0	0	83	6,955	2	0	0	102	7,519	3	0	0	111
			T5M	5,710	3	0	1	84	7,042	3	0	1	104	7,613	3	0	2	112
			T5W	5,551	3	0	1	82	6,847	3	0	2	101	7,401	3	0	2	109
	1000 mA	105 W	T1S	7,229	2	0	2	69	9,168	2	0	2	87	9,874	2	0	2	94
			T2S	7,572	2	0	2	72	9,603	2	0	2	91	10,342	2	0	2	98
			T2M	7,325	2	0	2	70	9,291	2	0	2	88	10,005	2	0	3	95
			T3S	7,488	2	0	2	71	9,496	2	0	2	90	10,227	2	0	2	97
			T3M	7,451	2	0	2	71	9,450	2	0	2	90	10,177	2	0	2	97
			T4M	7,464	2	0	2	71	9,467	2	0	2	90	10,195	2	0	2	97
			TFTM	7,351	1	0	2	70	9,323	2	0	2	89	10,040	2	0	3	96
			T5VS	7,801	3	0	1	74	9,894	3	0	1	94	10,655	3	0	1	101
			T5S	7,803	3	0	2	74	9,774	3	0	1	93	10,526	3	0	1	100
			T5M	7,707	3	0	0	73	9,897	3	0	2	94	10,658	4	0	2	102
			T5W	7,586	3	0	2	72	9,621	4	0	2	92	10,363	4	0	2	99
40C (40 LEDs)	700 mA	89 W	T1S	6,876	2	0	2	77	8,639	2	0	2	97	9,345	2	0	2	105
			T2S	7,202	2	0	2	81	9,049	2	0	2	102	9,788	2	0	2	110
			T2M	6,968	2	0	2	78	8,755	2	0	2	98	9,469	2	0	3	106
			T3S	7,122	2	0	2	80	8,948	2	0	2	101	9,679	2	0	2	109
			T3M	7,088	2	0	2	80	8,905	2	0	2	100	9,632	2	0	2	108
			T4M	7,100	2	0	2	80	8,920	2	0	2	100	9,649	2	0	2	108
			TFTM	6,992	1	0	2	79	8,785	2	0	2	99	9,502	2	0	2	107
			T5VS	7,421	3	0	0	83	9,323	3	0	1	105	10,085	3	0	1	113
			T5S	7,331	2	0	0	82	9,210	3	0	1	103	9,962	3	0	1	112
			T5M	7,423	3	0	2	83	9,326	3	0	2	105	10,087	4	0	2	113
			T5W	7,216	3	0	2	81	9,066	4	0	2	102	9,807	4	0	2	110
	1000 mA	138 W	T1S	9,521	2	0	2	69	11,970	2	0	2	87	12,871	3	3	0	93
			T2S	9,972	2	0	2	72	12,558	3	0	3	91	13,481	3	0	3	98
			T2M	9,648	2	0	3	70	12,149	3	0	3	88	13,043	3	0	3	95
			T3S	9,862	2	0	2	71	12,418	2	0	2	90	13,331	2	0	2	97
			T3M	9,814	2	0	2	71	12,358	3	0	3	90	13,267	3	0	3	96
			T4M	9,831	2	0	2	71	12,379	2	0	3	90	13,290	2	0	3	96
			TFTM	9,681	2	0	2	70	12,191	2	0	3	88	13,087	2	0	3	95
			T5VS	10,275	3	0	1	74	12,937	3	0	1	94	13,890	4	0	1	101
			T5S	10,150	3	0	1	74	12,782	3	0	1	93	13,721	3	0	1	99
			T5M	10,278	4	0	2	74	12,942	4	0	2	94	13,894	4	0	2	101
			T5W	9,991	4	0	2	72	12,582	4	0	2	91	13,507	4	0	2	98
60C (60 LEDs)	700 mA	131 W	T1S	10,226	2	0	2	78	12,871	3	0	3	98	13,929	3	0	3	106
			T2S	10,711	2	0	2	82	13,481	3	0	3	103	14,589	3	0	3	111
			T2M	10,363	2	0	3	79	13,043	3	0	3	100	14,115	3	0	3	108
			T3S	10,592	2	0	2	81	13,331	2	0	2	102	14,427	3	0	3	110
			T3M	10,541	2	0	2	80	13,267	3	0	3	101	14,357	3	0	3	110
			T4M	10,559	2	0	2	81	13,290	2	0	3	101	14,382	3	0	3	110
			TFTM	10,398	2	0	3	79	13,087	2	0	3	100	14,163	2	0	3	108
			T5VS	11,036	3	0	1	84	13,890	4	0	4	106	15,032	4	0	1	115
			T5S	10,902	3	0	1	83	13,721	3	0	1	105	14,849	4	0	1	113
			T5M	11,039	4	0	2	84	13,894	4	0	2	106	15,036	4	0	2	115
			T5W	10,732	4	0	2	82	13,507	4	0	2	103	14,617	4	0	2	112
	1000 mA	209 W	T1S	14,017	3	0	3	67	17,632	3	0	3	84	19,007	3	0	3	91
			T2S	14,681	3	0	3	70	18,467	3	0	3	88	19,908	3	0	3	95
			T2M	14,204	3	0	3	68	17,867	3	0	3	85	19,260	3	0	3	92
			T3S	14,518	3	0	3	69	18,262	3	0	3	87	19,687	3	0	3	94
			T3M	14,448	3	0	3	69	18,173	3	0	4	87	19,591	3	0	4	94
			T4M	14,473	3	0	3	69	18,205	3	0	3	87	19,625	3	0	4	94
			TFTM	14,253	2	0	3	68	17,928	3	0	4	86	19,326	3	0	4	92
			T5VS	15,127	4	0	1	72	19,028	4	0	1	91	20,512	4	0	1	98
			T5S	14,943	4	0	1	71	18,797	4	0	1	90	20,263	4	0	1	97
			T5M	15,131	4	0	2	72	19,033	4	0	2	91	20,517	5	0	3	98
			T5W	14,710	4	0	2	70	18,503	5	0	3	89	19,946	5	0	3	95

**Note:** Available with phosphor-converted amber LED's (nomenclature AMBPC). These LED's produce light with 97+% >530 nm. Output can be calculated by applying a 0.7 factor to 4000 K lumen values and photometric files.



## Performance Data

### Lumen Ambient Temperature (LAT) Multipliers

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

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
<b>25°C</b>	<b>77°F</b>	<b>1.00</b>
30°C	86°F	1.00
40°C	104°F	0.99

### Electrical Load

Number of LEDs	Drive Current (mA)	System Watts	Current (A)					
			120	208	240	277	347	480
30	530	52	0.52	0.30	0.26	0.23	--	--
	700	68	0.68	0.39	0.34	0.30	0.24	0.17
	1000	105	1.03	0.59	0.51	0.45	0.36	0.26
40	530	68	0.67	0.39	0.34	0.29	0.23	0.17
	700	89	0.89	0.51	0.44	0.38	0.31	0.22
	1000	138	1.35	0.78	0.67	0.58	0.47	0.34
60	530	99	0.97	0.56	0.48	0.42	0.34	0.24
	700	131	1.29	0.74	0.65	0.56	0.45	0.32
	1000	209	1.98	1.14	0.99	0.86	0.69	0.50

### Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

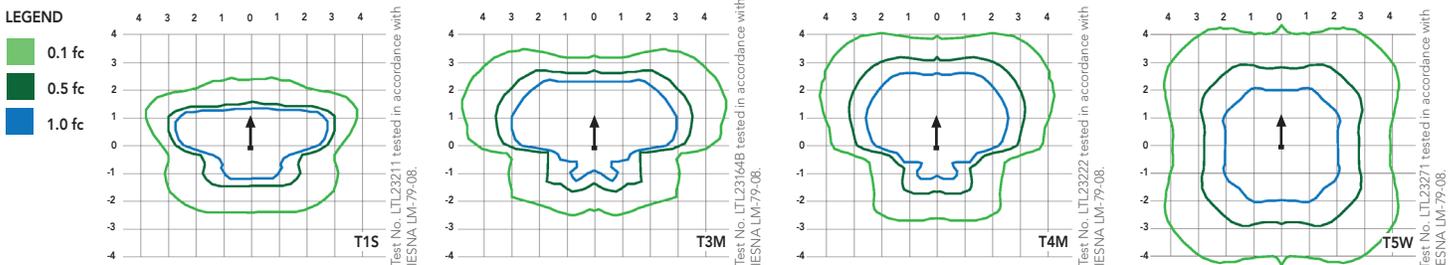
To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	DSX1 LED 60C 1000			
	1.0	0.95	0.93	0.88
	DSX1 LED 60C 700			
	1.0	0.99	0.98	0.96

## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Area Size 1 homepage](#).

Isofootcandle plots for the DSX1 LED 60C 1000 40K. Distances are in units of mounting height (20').



## FEATURES & SPECIFICATIONS

### INTENDED USE

The sleek design of the D-Series Size 1 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

### CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (1.2 ft<sup>2</sup>) for optimized pole wind loading.

### FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

### OPTICS

Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in standard 4000 K (70 minimum CRI) or optional 3000 K (80 minimum CRI) or 5000 K (70 CRI) configurations. The D-Series Size 1 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

### ELECTRICAL

Light engine configurations consist of 30, 40 or 60 high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L96/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an

expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV or 6kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

### INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 1 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 1 utilizes the AERIS™ series pole drilling pattern. Optional terminal block, tool-less entry, and NEMA photocontrol receptacle are also available.

### LISTINGS

UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org](http://www.designlights.org) to confirm which versions are qualified.

### WARRANTY

Five-year limited warranty. Full warranty terms located at: [www.acuitybrands.com/CustomResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomResources/Terms_and_conditions.aspx)

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.





# D-Series Size 1 LED Wall Luminaire



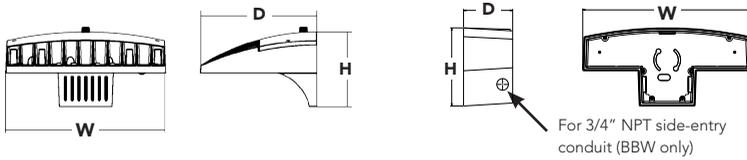
d#series

## Specifications Luminaire

**Width:** 13-3/4" (34.9 cm) **Weight:** 12 lbs (5.4 kg)  
**Depth:** 10" (25.4 cm)  
**Height:** 6-3/8" (16.2 cm)

## Back Box (BBW, ELCW)

**Width:** 13-3/4" (34.9 cm) **BBW Weight:** 5 lbs (2.3 kg)  
**Depth:** 4" (10.2 cm) **ELCW Weight:** 10 lbs (4.5 kg)  
**Height:** 6-3/8" (16.2 cm)



Catalog Number
Notes
Type

Hit the Tab key or mouse over the page to see all interactive elements.

## Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

## Ordering Information

**EXAMPLE:** DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

DSXW1 LED	Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting	Control Options	Other Options	Finish (required)	
DSXW1 LED	10C	10 LEDs (one engine)	350 350 mA	30K 3000 K	T2S Type II Short	MVOLT	Shipped included (blank) Surface mounting bracket	Shipped installed PE Photoelectric cell, button type <sup>4</sup>	Shipped installed SF Single fuse (120, 277 or 347V) <sup>7</sup>	DDBXD Dark bronze	
			530 530 mA	40K 4000 K	T2M Type II Medium	120 <sup>1</sup>				DMG 0-10V dimming driver (no controls)	DBLXD Black
			700 700 mA	50K 5000 K	T3S Type III Short	208 <sup>1</sup>				PIR 180° motion/ambient light sensor, <15' mtg ht <sup>5</sup>	DNAXD Natural aluminum
			1000 1000 mA (1 A)	AMBPC Amber phosphor converted	T3M Type III Medium	240 <sup>1</sup>				PIRH 180° motion/ambient light sensor, 15-30' mtg ht <sup>5</sup>	DWHXD White
					T4M Type IV Medium	277 <sup>1</sup>					ELCW Emergency battery backup (includes external component enclosure) <sup>6</sup>
					TFTM Forward Throw Medium	347 <sup>2</sup>				Shipped separately BSW Bird-deterrent spikes	
					ASYDF Asymmetric diffuse	480 <sup>2</sup>					WG Wire guard
										VG Vandal guard	DNATXD Textured natural aluminum
										DDL Diffused drop lens	DWHGXD Textured white
											DSSTXD Textured sandstone

### NOTES

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocontrol (PE option).
- Only available with 20C, 700mA or 1000mA. Not available with PIR or PIRH.
- Back box ships installed on fixture. Cannot be field installed. Cannot be ordered as an accessory.
- Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
- PIR specifies the Sensor Switch SBGR-10-ODP control; PIRH specifies the Sensor Switch SBGR-6-ODP control; see Motion Sensor Guide for details. Includes ambient light sensor. Not available with "PE" option (button type photocell). Dimming driver standard. Not available with 20 LED/1000 mA configuration (DSXW1 LED 20C 1000).
- Cold weather (-20C) rated. Not compatible with conduit entry applications. Not available with BBW mounting option. Not available with fusing. Not available with 347 or 480 voltage options. Emergency components located in back box housing. Emergency mode IES files located on product page at [www.lithonia.com](http://www.lithonia.com)
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option. Not available with ELCW.
- Also available as a separate accessory; see Accessories information.
- See the electrical section on page 3 for more details.

## Accessories

Ordered and shipped separately.

DSXWHS U	House-side shield (one per light engine)
DSXWBSW U	Bird-deterrent spikes
DSXW1WG U	Wire guard accessory
DSXW1VG U	Vandal guard accessory



## Performance Data

### Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K					40K					50K					AMBER						
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW		
10C (10 LEDs)	530mA	20 W	T2S	1,843	1	0	1	92	1,956	1	0	1	98	1,729	1	0	1	86	1,264	0	0	1	63		
			T2M	1,756	1	0	1	88	1,864	1	0	1	93	1,648	1	0	1	82	1,205	0	0	1	60		
			T3S	1,822	0	0	1	91	1,934	0	0	1	97	1,710	0	0	1	86	1,250	0	0	1	63		
			T3M	1,804	1	0	1	90	1,914	1	0	1	96	1,693	1	0	1	85	1,237	0	0	1	62		
			T4M	1,767	1	0	1	88	1,876	1	0	1	94	1,658	0	0	1	83	1,212	0	0	1	61		
			TFTM	1,837	0	0	1	92	1,950	0	0	1	98	1,724	0	0	1	86	1,260	0	0	1	63		
			ASYDF	1,642	1	0	1	82	1,743	1	0	1	87	1,541	1	0	1	77	1,127	0	0	1	56		
			ASDF	2,272	1	0	1	84	2,409	1	0	1	89	2,421	1	0	1	90	1,544	0	0	1	57		
	700mA	27 W	T2M	2,165	1	0	1	80	2,296	1	0	1	85	2,307	1	0	1	85	1,472	0	0	1	55		
			T3S	2,247	1	0	1	83	2,382	1	0	1	88	2,394	1	0	1	89	1,527	0	0	1	57		
			T3M	2,224	1	0	1	82	2,358	1	0	1	87	2,370	1	0	1	88	1,512	0	0	1	56		
			T4M	2,179	1	0	1	81	2,310	1	0	1	86	2,322	1	0	1	86	1,481	0	0	1	55		
			TFTM	2,265	1	0	1	84	2,401	1	0	1	89	2,413	1	0	1	89	1,539	0	0	1	57		
			ASYDF	2,025	1	0	1	75	2,147	1	0	1	80	2,158	1	0	1	80	1,376	1	0	1	51		
			T2S	3,011	1	0	1	75	3,190	1	0	1	80	3,202	1	0	1	80	2,235	1	0	1	58		
			T2M	2,870	1	0	1	72	3,040	1	0	1	76	3,051	1	0	1	76	2,130	1	0	2	55		
	1000mA	40 W	T3S	2,978	1	0	1	74	3,155	1	0	1	79	3,166	1	0	1	79	2,210	1	0	2	57		
			T3M	2,948	1	0	1	74	3,123	1	0	1	78	3,134	1	0	1	78	2,187	1	0	2	56		
			T4M	2,888	1	0	1	72	3,059	1	0	1	76	3,071	1	0	1	77	2,143	1	0	2	55		
			TFTM	3,002	1	0	1	75	3,180	1	0	1	80	3,192	1	0	1	80	2,228	1	0	2	57		
			ASYDF	2,684	1	0	1	67	2,843	1	0	1	71	2,854	1	0	1	71	1,991	1	0	2	51		
			T2S	3,649	1	0	1	101	3,876	1	0	1	108	3,429	1	0	1	95	2,504	1	0	1	70		
			T2M	3,478	1	0	1	97	3,694	1	0	1	103	3,267	1	0	1	91	2,387	1	0	1	66		
			T3S	3,609	1	0	1	100	3,833	1	0	1	106	3,390	1	0	1	94	2,477	1	0	1	69		
20C (20 LEDs)	530mA	36 W	T3M	3,572	1	0	1	99	3,794	1	0	1	105	3,356	1	0	1	93	2,451	1	0	2	68		
			T4M	3,500	1	0	2	97	3,717	1	0	2	103	3,288	1	0	1	91	2,402	1	0	1	67		
			TFTM	3,638	1	0	1	101	3,864	1	0	1	107	3,418	1	0	1	95	2,496	1	0	1	69		
			ASYDF	3,252	1	0	2	90	3,454	1	0	2	96	3,056	1	0	2	85	2,232	1	0	1	62		
			700mA	47 W	T2S	4,502	1	0	1	96	4,776	1	0	1	102	4,794	1	0	1	102	3,065	1	0	1	65
					T2M	4,290	1	0	1	91	4,552	1	0	1	97	4,569	1	0	1	97	2,921	1	0	1	62
					T3S	4,452	1	0	1	95	4,723	1	0	2	100	4,741	1	0	2	101	3,031	1	0	1	64
					T3M	4,407	1	0	2	94	4,675	1	0	2	99	4,693	1	0	2	100	3,000	1	0	1	64
	T4M	4,318			1	0	2	92	4,581	1	0	2	97	4,598	1	0	2	98	2,939	1	0	1	63		
	TFTM	4,488			1	0	2	95	4,761	1	0	2	101	4,779	1	0	2	102	3,055	1	0	1	65		
	ASYDF	4,012			1	0	2	85	4,257	1	0	2	91	4,273	1	0	2	91	2,732	1	0	1	58		
	ASDF	5,963			1	0	1	80	6,327	1	0	1	84	6,351	1	0	1	85	4,429	1	0	1	61		
	1000mA	74 W	T2M	5,683	1	0	2	76	6,029	1	0	2	80	6,052	1	0	2	81	4,221	1	0	2	58		
			T3S	5,896	1	0	2	79	6,256	1	0	2	83	6,280	1	0	2	84	4,380	1	0	2	60		
			T3M	5,837	1	0	2	78	6,193	1	0	2	83	6,216	1	0	2	83	4,335	1	0	2	59		
			T4M	5,719	1	0	2	76	6,067	1	0	2	81	6,090	1	0	2	81	4,248	1	0	2	58		
			TFTM	5,944	1	0	2	79	6,307	1	0	2	84	6,330	1	0	2	84	4,415	1	0	2	60		
			ASYDF	5,314	1	0	2	71	5,638	2	0	2	75	5,660	2	0	2	75	3,947	1	0	2	54		

## Performance Data

### Lumen Ambient Temperature (LAT) Multipliers

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

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
<b>25°C</b>	<b>77°F</b>	<b>1.00</b>
30°C	86°F	1.00
40°C	104°F	0.98

### Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the **DSXW1 LED 20C 1000** platform in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	0.95	0.93	0.88

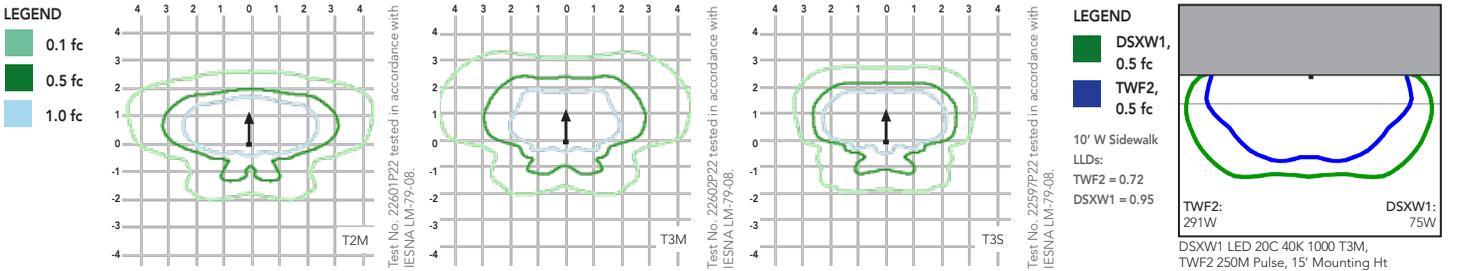
### Electrical Load

LEDs	Drive Current (mA)	System Watts	Current (A)					
			120V	208V	240V	277V	347V	480V
10C	350	14 W	0.13	0.07	0.06	0.06	-	-
	530	20 W	0.19	0.11	0.09	0.08	-	-
	700	27 W	0.25	0.14	0.13	0.11	-	-
	1000	40 W	0.37	0.21	0.19	0.16	-	-
20C	350	25 W	0.23	0.13	0.12	0.10	-	-
	530	36 W	0.33	0.19	0.17	0.14	-	-
	700	47 W	0.44	0.25	0.22	0.19	0.15	0.11
	1000	75 W	0.69	0.40	0.35	0.30	0.23	0.17

## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Wall Size 1 homepage.

Isofootcandle plots for the DSXW1 LED 20C 1000 40K. Distances are in units of mounting height (15').



## Options and Accessories



T3M (left), ASYDF (right) lenses



HS - House-side shields



BSW - Bird-deterrent spikes



WG - Wire guard



VG - Vandal guard



DDL - Diffused drop lens

## FEATURES & SPECIFICATIONS

### INTENDED USE

The energy savings, long life and easy-to-install design of the D-Series Wall Size 1 make it the smart choice for building-mounted doorway and pathway illumination for nearly any facility.

### CONSTRUCTION

Two-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance. The LED driver is mounted to the door to thermally isolate it from the light engines for low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65).

### FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in textured and non-textured finishes.

### OPTICS

Precision-molded proprietary acrylic lenses provide multiple photometric distributions tailored specifically to building mounted applications. Light engines are available in 3000 K (80 min. CRI), 4000 K (70 min. CRI) or 5000 K (70 CRI) configurations.

### ELECTRICAL

Light engine(s) consist of 10 high-efficacy LEDs mounted to a metal-core circuit board to maximize heat dissipation and promote long life (L88/100,000 hrs at 25°C). Class 1 electronic drivers have a

power factor >90%, THD <20%, and a minimum 2.5KV surge rating. When ordering the SPD option, a separate surge protection device is installed within the luminaire which meets a minimum Category C Low (per ANSI/IEEE C62.41.2).

### INSTALLATION

Included universal mounting bracket attaches securely to any 4" round or square outlet box for quick and easy installation. Luminaire has a slotted gasket wireway and attaches to the mounting bracket via corrosion-resistant screws.

### LISTINGS

CSA certified to U.S. and Canadian standards. Rated for -40°C minimum ambient.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org](http://www.designlights.org) to confirm which versions are qualified.

### WARRANTY

Five year limited warranty. Full warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx).

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C. Specifications subject to change without notice.





## Performance Data

### Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K					40K					50K					AMBER				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
10C (10 LEDs)	530mA	20 W	T2S	1,843	1	0	1	92	1,956	1	0	1	98	1,729	1	0	1	86	1,264	0	0	1	63
			T2M	1,756	1	0	1	88	1,864	1	0	1	93	1,648	1	0	1	82	1,205	0	0	1	60
			T3S	1,822	0	0	1	91	1,934	0	0	1	97	1,710	0	0	1	86	1,250	0	0	1	63
			T3M	1,804	1	0	1	90	1,914	1	0	1	96	1,693	1	0	1	85	1,237	0	0	1	62
			T4M	1,767	1	0	1	88	1,876	1	0	1	94	1,658	0	0	1	83	1,212	0	0	1	61
			TFTM	1,837	0	0	1	92	1,950	0	0	1	98	1,724	0	0	1	86	1,260	0	0	1	63
			ASYDF	1,642	1	0	1	82	1,743	1	0	1	87	1,541	1	0	1	77	1,127	0	0	1	56
			ASDF	1,642	1	0	1	82	1,743	1	0	1	87	1,541	1	0	1	77	1,127	0	0	1	56
	700mA	27 W	T2S	2,272	1	0	1	84	2,409	1	0	1	89	2,421	1	0	1	90	1,544	0	0	1	57
			T2M	2,165	1	0	1	80	2,296	1	0	1	85	2,307	1	0	1	85	1,472	0	0	1	55
			T3S	2,247	1	0	1	83	2,382	1	0	1	88	2,394	1	0	1	89	1,527	0	0	1	57
			T3M	2,224	1	0	1	82	2,358	1	0	1	87	2,370	1	0	1	88	1,512	0	0	1	56
			T4M	2,179	1	0	1	81	2,310	1	0	1	86	2,322	1	0	1	86	1,481	0	0	1	55
			TFTM	2,265	1	0	1	84	2,401	1	0	1	89	2,413	1	0	1	89	1,539	0	0	1	57
			ASYDF	2,025	1	0	1	75	2,147	1	0	1	80	2,158	1	0	1	80	1,376	1	0	1	51
			ASDF	2,025	1	0	1	75	2,147	1	0	1	80	2,158	1	0	1	80	1,376	1	0	1	51
	1000mA	40 W	T2S	3,011	1	0	1	75	3,190	1	0	1	80	3,202	1	0	1	80	2,235	1	0	1	58
			T2M	2,870	1	0	1	72	3,040	1	0	1	76	3,051	1	0	1	76	2,130	1	0	2	55
			T3S	2,978	1	0	1	74	3,155	1	0	1	79	3,166	1	0	1	79	2,210	1	0	2	57
			T3M	2,948	1	0	1	74	3,123	1	0	1	78	3,134	1	0	1	78	2,187	1	0	2	56
			T4M	2,888	1	0	1	72	3,059	1	0	1	76	3,071	1	0	1	77	2,143	1	0	2	55
			TFTM	3,002	1	0	1	75	3,180	1	0	1	80	3,192	1	0	1	80	2,228	1	0	2	57
			ASYDF	2,684	1	0	1	67	2,843	1	0	1	71	2,854	1	0	1	71	1,991	1	0	2	51
			ASDF	2,684	1	0	1	67	2,843	1	0	1	71	2,854	1	0	1	71	1,991	1	0	2	51
20C (20 LEDs)	530mA	36 W	T2S	3,649	1	0	1	101	3,876	1	0	1	108	3,429	1	0	1	95	2,504	1	0	1	70
			T2M	3,478	1	0	1	97	3,694	1	0	1	103	3,267	1	0	1	91	2,387	1	0	1	66
			T3S	3,609	1	0	1	100	3,833	1	0	1	106	3,390	1	0	1	94	2,477	1	0	1	69
			T3M	3,572	1	0	1	99	3,794	1	0	1	105	3,356	1	0	1	93	2,451	1	0	2	68
			T4M	3,500	1	0	2	97	3,717	1	0	2	103	3,288	1	0	1	91	2,402	1	0	1	67
			TFTM	3,638	1	0	1	101	3,864	1	0	1	107	3,418	1	0	1	95	2,496	1	0	1	69
			ASYDF	3,252	1	0	2	90	3,454	1	0	2	96	3,056	1	0	2	85	2,232	1	0	1	62
			ASDF	3,252	1	0	2	90	3,454	1	0	2	96	3,056	1	0	2	85	2,232	1	0	1	62
	700mA	47 W	T2S	4,502	1	0	1	96	4,776	1	0	1	102	4,794	1	0	1	102	3,065	1	0	1	65
			T2M	4,290	1	0	1	91	4,552	1	0	1	97	4,569	1	0	1	97	2,921	1	0	1	62
			T3S	4,452	1	0	1	95	4,723	1	0	2	100	4,741	1	0	2	101	3,031	1	0	1	64
			T3M	4,407	1	0	2	94	4,675	1	0	2	99	4,693	1	0	2	100	3,000	1	0	1	64
			T4M	4,318	1	0	2	92	4,581	1	0	2	97	4,598	1	0	2	98	2,939	1	0	1	63
			TFTM	4,488	1	0	2	95	4,761	1	0	2	101	4,779	1	0	2	102	3,055	1	0	1	65
			ASYDF	4,012	1	0	2	85	4,257	1	0	2	91	4,273	1	0	2	91	2,732	1	0	1	58
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	1000mA	74 W	T2S	5,963	1	0	1	80	6,327	1	0	1	84	6,351	1	0	1	85	4,429	1	0	1	61
			T2M	5,683	1	0	2	76	6,029	1	0	2	80	6,052	1	0	2	81	4,221	1	0	2	58
			T3S	5,896	1	0	2	79	6,256	1	0	2	83	6,280	1	0	2	84	4,380	1	0	2	60
			T3M	5,837	1	0	2	78	6,193	1	0	2	83	6,216	1	0	2	83	4,335	1	0	2	59
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			TFTM	5,944	1	0	2	79	6,307	1	0	2	84	6,330	1	0	2	84	4,415	1	0	2	60
			ASYDF	5,314	1	0	2	71	5,638	2	0	2	75	5,660	2	0	2	75	3,947	1	0	2	54
			ASDF	5,314	1	0	2	71	5,638	2	0	2	75	5,660	2	0	2	75	3,947	1	0	2	54

## Performance Data

### Lumen Ambient Temperature (LAT) Multipliers

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

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
<b>25°C</b>	<b>77°F</b>	<b>1.00</b>
30°C	86°F	1.00
40°C	104°F	0.98

### Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the **DSXW1 LED 20C 1000** platform in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	0.95	0.93	0.88

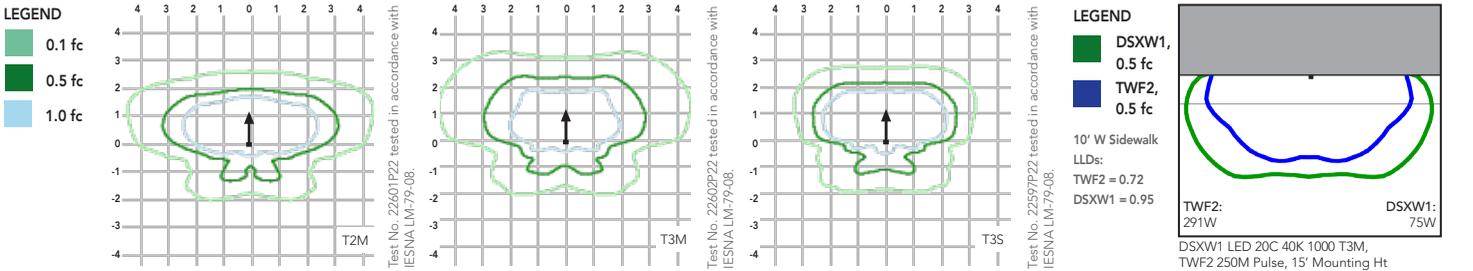
### Electrical Load

LEDs	Drive Current (mA)	System Watts	Current (A)					
			120V	208V	240V	277V	347V	480V
10C	350	14 W	0.13	0.07	0.06	0.06	-	-
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	1000	40 W	0.37	0.21	0.19	0.16	-	-
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	1000	75 W	0.69	0.40	0.35	0.30	0.23	0.17

## Photometric Diagrams

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Isofootcandle plots for the DSXW1 LED 20C 1000 40K. Distances are in units of mounting height (15').



## Options and Accessories



T3M (left), ASYDF (right) lenses



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BSW - Bird-deterrent spikes



WG - Wire guard



VG - Vandal guard



DDL - Diffused drop lens

## FEATURES & SPECIFICATIONS

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### CONSTRUCTION

Two-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance. The LED driver is mounted to the door to thermally isolate it from the light engines for low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65).

### FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in textured and non-textured finishes.

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power factor >90%, THD <20%, and a minimum 2.5KV surge rating. When ordering the SPD option, a separate surge protection device is installed within the luminaire which meets a minimum Category C Low (per ANSI/IEEE C62.41.2).

### INSTALLATION

Included universal mounting bracket attaches securely to any 4" round or square outlet box for quick and easy installation. Luminaire has a slotted gasket wireway and attaches to the mounting bracket via corrosion-resistant screws.

### LISTINGS

CSA certified to U.S. and Canadian standards. Rated for -40°C minimum ambient.

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