



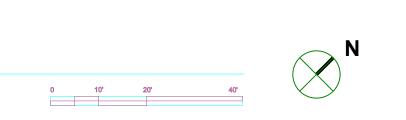


SITE PLAN - ELECTRICAL

LIGHTING FIXTURE SCHEDULE									
TYPE	DESCRIPTION			MO	UNTING LAN	IPS VOLTAGE	MANUFACTURER & CATALOG NUMBER	ACCEPTABLE MANUFACTURER	
W1		EXTERIOR WALL MOUNT TION, DARK BRONZE FIN MOTION SENSOR	ISH, AND INTEGRAL		(	DUNTED         L.E           © 10'-0"         23 W           A.F.G.         500		LITHONIA DSXW1 LED 20C 350 50K T4M MVOLT PIR DDBXD	APPROVED EQUAL
Stati	istics								
Descr	iption	Symbol	Avg	Max	Min	Max/Mi	n Avg/Min		
Calc Zo	one #1	+	0.6 fc	4.8 fc	0.0 fc	N/A	N/A	]	

### Luminaire Locations

		Loca	ation			
No.	Label	X	Y	МН	Orientation	Tilt
3	W1	393.05	442.30	8'	0.00	0.00
2	W1	373.60	411.60	8'	270.00	0.00



# SHEET NUMBER **PH0.0**

# DRAWING TITLE SITE PLAN -PHOTOMETRIC CALCULATION



ARLINGTON HEIGHTS SCHOOL

### GREENBRIER ELEMENTARY SCHOOL ADDITION 2330 N Verde Dr. Arlington Heights, IL 60004

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This drawing is one drawing within a complete set of documents and shall not be considered separately from the Drawings as a whole. The Drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical, and electrical systems. As Scope Documents, the Drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Construction Documents. On the basis of the general scope indicated or described, the Contractor shall furnish all items required for the proper execution and completion of the Work.

KEY PLAN

SCOPE DOCUMENT

PROJECT

**DISTRICT 25** 

1200 South Dunton Avenue Arlington Heights, IL 60005

707 Lake Cook Road, Suite 300

Deerfield, IL 60015 (847) 562-1977

MEP/FP ENGINEERING:

CS2 DESIGN GROUP LLC 837 Oakton Street Elk Grove Village, IL 60007 (847) 981-1880 CONSTRUCTION MANAGER:

NICHOLAS & ASSOCIATES

1001 Feehanville Drive Mount Prospect, IL 60056

(847) 394-6205

THE STRUCTURAL GROUP

Chicago, IL 60654 (262) 253-4700 STRUCTURAL ENGINEERING:

(847) 223-4804 ROOFING AND BUILDING ENVELOPE:

**ARCHITECTS:** 

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Chicago, IL 60654

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145 Ccommerce Drive, Suite A Grayslake, IL 60030

CIVIL ENGINEERING:

ERIKSSON ENGINEERING ASSOCIATES, LTD. 145 Ccommerce Drive, Suite A

350 West Ontario Street | Suite 200

Grayslake, IL 60030 (847) 223-4804 LANDSCAPE ARCHITECTURE:

ERIKSSON ENGINEERING ASSOCIATES, LTD.

STR







#### d"series

#### **Specifications**

Luminaire

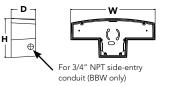
Width:	13-3/4" (34.9 cm)	Weight:	12 lbs (5.4 kg)
Depth:	10" (25.4 cm)		
Height:	<b>6-3/8"</b> (16.2 cm)		



**Ordering Information** 



Back Box (BBW, E20WC)



#### Catalog Number

Notes

Туре

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.

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

DSXW1 LED								
Series LEDs Drive Current Color tempera			rature Distribution		Voltage Mounting		Control Options	
DSXW1 LED	<ul> <li>10C 10 LEDs (one engine)</li> <li>20C 20 LEDs (two engines) 1</li> </ul>	350 350 mA 530 530 mA 700 700 mA 1000 1000 mA (1 A) 1	40K 40 50K 50 AMBPC An	00 K 00 K 00 K nber osphor nverted	<ul> <li>T2S Type II Short</li> <li>T2M Type II Medium</li> <li>T3S Type III Short</li> <li>T3M Type III Medium</li> <li>T4M Type IV Medium</li> <li>TFTM Forward Throw Medium</li> </ul>	MVOLT <sup>2</sup> 120 <sup>3</sup> 208 <sup>3</sup> 240 <sup>3</sup> 277 <sup>3</sup> 347 <sup>3,4</sup> 480 <sup>3,4</sup>	Shipped included (blank) Surface mounting bracket BBW Surface- mounted back box (for conduit entry) <sup>5</sup>	Shipped installed         PE       Photoelectric cell, button type <sup>6</sup> DMG       0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately)         PIR       180° motion/ambient light sensor, <15' mtg ht <sup>1,7</sup> PIR       180° motion/ambient light sensor, 15-30' mtg ht <sup>1,7</sup> PIRH       180° motion/ambient light sensor, 15-30' mtg ht <sup>1,7</sup> PIRH       180° motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc <sup>1,7</sup> PIRH1FC3V       Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc <sup>1,7</sup> E20WC       Emergency battery backup (includes external component enclosure), CA Title 20 compliant <sup>8,9</sup>
Shipped installed       Shipped installed         SF       Single fuse (120, 277 or 347V) <sup>3,10</sup> BSW       Bird-deterrent spikes         DF       Double fuse (208, 240 or 480V) <sup>3,10</sup> VG       Vandal guard         HS       House-side shield <sup>11</sup> DDL       Diffused drop lens         SPD       Separate surge protection <sup>12</sup> 24			Finish (7 DDBXD DBLXD DNAXD DWHXC	Dark bronze Black Natural aluminum	DSSXD DDBTXD DBLBXD DNATXD	Sandstone Textured dark bronze Textured black Textured natural alumin	DWHGXD Textured white DSSTXD Textured sandstone	

	ccessories and shipped separately.	NOTES       1     20C 1000 is not available with PIR, PIRH, PIR1FC3V or PIRH1FC3V.       2     MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
DSXWHS U	House-side shield (one per light engine)	<ol> <li>Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.</li> <li>Only available with 20C, 700mA or 1000mA. Not available with PIR or PIRH.</li> <li>Back box ships installed on fixture. Cannot be field installed. Cannot be ordered as an accessory.</li> </ol>
DSXWBSW U	Bird-deterrent spikes	<ul> <li>6 Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).</li> </ul>
DSXW1VG U	Vandal guard accessory	7 Reference Motion Sensor table on page 3.
		8 Same as old ELCW. 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

9 Not available with SPD.

10 Not available with E20WC.

11 Also available as a separate accessory; see Accessories information.

12 Not available with E20WC.



#### Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Contact factory for performance data on any configurations not shown here.

Normal         Normal<	
Norma         Tay         Tay <thtay< th=""> <thtay< td="" th<=""><td>LPW</td></thtay<></thtay<>	LPW
10c         13w         13s         13s <td>69</td>	69
100         1300	66
$ 100 \ 100 \ 130 \ 1,385 \ 0 \ 0 \ 1 \ 101 \ 1,385 \ 0 \ 0 \ 1 \ 101 \ 1,385 \ 0 \ 0 \ 1 \ 111 \ 1,487 \ 0 \ 0 \ 0 \ 1 \ 113 \ 1,385 \ 0 \ 0 \ 0 \ 1 \ 111 \ 1,487 \ 0 \ 0 \ 0 \ 1 \ 113 \ 1,385 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 1 \ 111 \ 1,447 \ 0 \ 0 \ 0 \ 1 \ 113 \ 1,385 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ $	68
International state         Term         1,411         0         0         1         109         1,515         0         0         1         117         1,525         0         0         1         117         1,525         0         0         1         117         1,525         0         0         1         117         1,525         0         0         1         117         1,525         0         0         1         1117         1,526         0         0         1         1117         1,526         0         0         1         1117         1,526         0         0         1         1117         1,526         0         0         1         1117         1,526         0         0         1         1117         1,527         1         0         1         1117         1,527         0         0         1         1117         1,527         0         0         0         1         1117         1,527         0         0         1         1117         1,527         0         0         1         1117         1,527         0         0         1         1117         1,527         1         1         1         1         1         <	67
10C         100 mA         10W         12S         2,063         1         0         1         116         2,220         1         0         1         117         1,264         0         0           133         2,031         1         0         1         103         2,102         1         0         1         111         2,115         1         0         1         111         1,205         0         0           133         2,010         1         0         1         106         2,159         1         0         1         114         2,172         1         0         1         114         1,223         0         0         0         1         114         2,172         1         0         1         114         1,221         0         0         0         1         111         2,129         1         0         1         116         2,212         1         0         1         116         2,212         1         0         1         106         1         116         2,212         1         0         1         1172         1,260         0         0         1         107         2,212         1         <	66
530 mA         19W         12M         1,957         1         0         1         103         2,102         1         0         1         111         2,115         1         0         1         111         1,115         1         0         1         111         1,115         1         0         1         111         2,115         1         0         1         111         2,115         1         0         1         111         2,121         1         0         1         115         1,237         0         0         0           100         1         100         1         104         2,115         1         0         1         111         2,122         1         0         1         114         2,172         0         0           101         1,231         1         0         1         108         2,181         1         0         1         116         2,212         1         0         1         100         1,237         0         0         1         103         2,201         1         0         1         103         2,212         1         0         1         101         2,121         0 </td <td>69</td>	69
530 mA         19W         T35         2,031         1         0         1         107         2,181         1         0         1         115         2,194         1         0         1         115         1,250         0         0           10C         T3M         2,010         1         0         1         106         2,115         1         0         1         114         2,172         1         0         1         114         1,220         0         0         0         0         1         114         2,172         1         0         1         114         1,220         0         0         0         0         1         110         2,115         1         0         1         111         2,122         1         0         1         116         1,220         0         0         0         1         110         2,121         1         0         1         100         1         101         2,121         1         0         1         101         2,121         1         0         1         101         2,121         1         0         1         101         2,121         1115         1,250         1         <	67
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	63
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	66
10C (10 LEDs)         TFTM         2,047         0         0         1         108         2,198         1         0         1         116         1,260         0         0           (10 LEDs)         700 mA         2         2,623         1         0         1         1011         2,816         1         0         1         100         1         109         1,544         0         0           700 mA         26W         TZ         2,623         1         0         1         100         2,816         1         0         1         100         1         104         1,472         0         0           700 mA         26W         TZM         2,953         1         0         1         100         2,717         1         0         1         107         2,802         1         0         1         108         1,512         0         0         0           TM         2,614         1         0         1         101         2,808         1         0         1         102         2,235         1         0         1         102         2,235         1         0         1         102         2,235	65
(10 LEDs)         1125         2,623         1         0         1         100         2,242         1         0         1         100         1,242         1         0         1         100         1,242         1         0         1         100         1,244         0         1         100         1,244         0         0         1         100         1,244         0         0         1         100         1,244         0         1         100         2,242         1         0         1         100         1,242         0         0         0         0         0         0         0         0         0         0         0         1         100         1         100         1         100         1         100         1         101         2,242         1         0         1         101         2,242         1         10         1,244         0         1         101         2,243 <td>64</td>	64
TOTELSY         T2M         Z,499         1         0         1         96         Z,684         1         0         1         103         Z,701         1         0         1         104         1,472         0         0           T3S         2,593         1         0         1         100         2,785         1         0         1         100         2,774         1         0         1         108         1,527         0         0           T3M         2,567         1         0         1         99         2,757         1         0         1         106         2,774         1         0         1         105         1,481         0         0           TFIM         2,515         1         0         1         99         2,771         1         0         1         104         2,718         1         0         1         105         1,481         0         0           TFIM         2,6154         1         0         1         99         3,957         1         0         1         108         2,825         1         0         1         102         2,235         1         0 <t< td=""><td></td></t<>	
TOO mA         26W         T3S         2,593         1         0         1         100         2,785         1         0         1         107         2,802         1         0         1         108         1,527         0         0           T3M         2,567         1         0         1         99         2,757         1         0         1         106         2,774         1         0         1         107         1,512         0         0           T4M         2,515         1         0         1         97         2,701         1         0         1         104         2,718         1         0         1         105         1,481         0         0           TFIM         2,614         1         0         1         94         3,957         1         0         1         108         2,825         1         0         1         102         2,235         1         0         1         102         2,235         1         0         1         101         3,982         1         0         1         102         2,2130         1         0         1         102         2,2130         1	
You ma         Zów         T3M         2,567         1         0         1         99         2,757         1         0         1         100         1         107         1,512         0         0           T4M         2,515         1         0         1         97         2,701         1         0         1         104         2,718         1         0         1         105         1,481         0         0           TFIM         2,614         1         0         1         101         128.2         1         0         1         102         2,235         1         0         1         102         2,235         1         0         1         102         2,235         1         0         1         102         2,235         1         0         1         102         2,235         1         0         1         102         2,235         1         0         1         103         3,982         1         0         1         90         3,771         1         0         1         97         3,794         1         0         1         97         3,794         1         0         1         101         3,	
T4M         2,515         1         0         1         97         2,701         1         0         1         104         2,718         1         0         1         105         1,481         0         0           TFIM         2,614         1         0         1         101         2,808         1         0         1         108         2,825         1         0         1         109         1,539         0         0           39W         T2S         3,685         1         0         1         90         3,771         1         0         1         101         3,982         1         0         1         102         2,235         1         0         1         01         3,982         1         0         1         102         2,210         1         0           1300         3,644         1         0         1         93         3,913         1         0         1         100         3,938         1         0         1         100         2,210         1         0           133         3,607         1         0         1         92         3,8373         1         0         1 </td <td></td>	
TFIM         2,614         1         0         1         101         2,808         1         0         1         108         2,825         1         0         1         109         1,539         0         0         0           1000 mA         39W         TZS         3,685         1         0         1         94         3,957         1         0         1         101         3,982         1         0         1         102         2,235         1         0           39W         TZS         3,685         1         0         1         90         3,771         1         0         1         97         3,794         1         0         1         97         2,130         1         0           T3S         3,644         1         0         1         99         3,898         1         0         1         100         2,187         1         0           T3M         3,673         1         0         2         91         3,796         1         0         1         102         3,819         1         0         1         102         2,228         1         0         1         102         2,	58
1000 mA         T2S         3,685         1         0         1         94         3,957         1         0         1         101         3,982         1         0         1         102         2,235         1         0           1000 mA         39W         T2M         3,512         1         0         1         90         3,771         1         0         1         97         3,794         1         0         1         97         2,130         1         0         1         00         1         97         2,130         1         0         1         00         3,938         1         0         1         101         2,210         1         0         1         00         3,938         1         0         1         100         2,187         1         0         1         00         1         102         2,187         1         0         1         01         3,0383         1         0         1         100         2,945         1         0         1         102         2,128         1         0         1         102         2,228         1         0         1         132         3,047         1	
1000 mA         39W         T2M         3,512         1         0         1         90         3,771         1         0         1         97         3,794         1         0         1         97         2,130         1         0         1         97         3,794         1         0         1         97         2,130         1         0         1         97         3,794         1         0         1         97         2,130         1         0         1         100         3,938         1         0         1         101         2,210         1         0           135         3,644         1         0         1         93         3,913         1         0         1         100         3,938         1         0         1         101         2,210         1         0           14M         3,637         1         0         2         91         3,796         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1         100         2,228         1         0         1         132         3,647         <	
1000 mA         39W         T3S         3,644         1         0         1         93         3,913         1         0         1         100         3,938         1         0         1         101         2,210         1         0           T3M         3,607         1         0         1         92         3,873         1         0         1         99         3,898         1         0         1         100         2,210         1         0           T4M         3,534         1         0         2         97         3,819         1         0         1         100         2,288         1         0           TFIM         3,6373         1         0         1         94         3,945         1         0         1         132         2,248         1         0           TEX         2,820         1         0         1         123         3,028         1         0         1         132         3,047         1         0         1         132         1,777         1         0           T2X         2,820         1         0         1         1212         2,994         1         <	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
1000 mA         39W         T3M         3,607         1         0         1         92         3,873         1         0         1         99         3,898         1         0         1         100         2,187         1         0           T4M         3,534         1         0         2         91         3,796         1         0         2         97         3,819         1         0         2         98         2,143         1         0           TFIM         3,673         1         0         1         94         3,945         1         0         1         101         3,969         1         0         1         102         2,228         1         0           TES         2,820         1         0         1         123         3,028         1         0         1         132         3,047         1         0         1         132         1,777         1         0           T2M         2,688         1         0         1         121         2,994         1         0         1         133         3,014         1         0         1         10         1         121         2,9	
T4M         3,534         1         0         2         91         3,796         1         0         2         97         3,819         1         0         2         98         2,143         1         0           TFTM         3,673         1         0         1         94         3,945         1         0         1         101         3,969         1         0         1         102         2,228         1         0           TFTM         3,673         1         0         1         123         3,028         1         0         1         101         3,969         1         0         1         102         2,228         1         0           72M         2,688         1         0         1         123         3,028         1         0         1         132         3,047         1         0         1         126         1,693         1         0         1         125         2,904         1         0         1         126         1,693         1         0         1         130         3,014         1         0         1         131         1,757         0         0         1         130 </td <td></td>	
TFIM         3,673         1         0         1         94         3,945         1         0         1         101         3,969         1         0         1         102         2,228         1         0           350mA         TZS         2,820         1         0         1         123         3,028         1         0         1         132         3,047         1         0         1         132         1,777         1         0           T2M         2,688         1         0         1         123         3,028         1         0         1         122         3,047         1         0         1         132         1,777         1         0           T2M         2,688         1         0         1         117         2,886         1         0         1         125         2,904         1         0         1         126         1,693         1         0           T3M         2,769         1         0         1         120         2,965         1         0         1         120         1,739         1         0           T3M         2,704         1         0 <td< td=""><td></td></td<>	
350mA         T2S         2,820         1         0         1         123         3,028         1         0         1         132         3,047         1         0         1         132         1,777         1         0           350mA         23W         1         0         1         117         2,886         1         0         1         125         2,904         1         0         1         126         1,693         1         0           135         2,789         1         0         1         120         2,964         1         0         1         130         3,014         1         0         1         1,757         0         0           135         2,789         1         0         1         120         2,965         1         0         1         130         3,014         1         0         1         131         1,757         0         0           133         2,760         1         0         1         120         2,965         1         0         1         129         2,983         1         0         1         120         1,704         1         0         1         1	57
350mA         T2M         2,688         1         0         1         117         2,886         1         0         1         125         2,904         1         0         1         126         1,693         1         0           350mA         T3S         2,789         1         0         1         121         2,994         1         0         1         130         3,014         1         0         1         131         1,757         0         0           T3M         2,760         1         0         1         120         2,965         1         0         1         129         2,983         1         0         1         1,757         0         0           T4M         2,704         1         0         1         118         2,905         1         0         1         120         2,983         1         0         1         1,779         0         0           T4M         2,704         1         0         1         118         2,905         1         0         1         126         2,922         1         0         1         17,704         1         0         0         1	77
350mA         T3S         2,789         1         0         1         121         2,994         1         0         1         130         3,014         1         0         1         131         1,757         0         0         0           T3M         2,760         1         0         1         120         2,965         1         0         1         120         2,963         1         0         1         130         1,739         1         0           T4M         2,704         1         0         1         118         2,905         1         0         1         120         2,965         1         0         1         120         1,739         1         0           T4M         2,704         1         0         1         118         2,905         1         0         1         120         2,922         1         0         1         120         1,704         1         0         0         1         131         3,038         1         0         1         130         1,771         0         0         0	74
350mA         23W         T3M         2,760         1         0         1         120         2,965         1         0         1         129         2,983         1         0         1         130         1,739         1         0           T4M         2,704         1         0         1         118         2,905         1         0         1         120         2,922         1         0         1         127         1,704         1         0           TFTM         2,811         1         0         1         122         3,019         1         0         1         131         3,038         1         0         1         132         1,771         0         0	
T4M         2,704         1         0         1         118         2,905         1         0         1         126         2,922         1         0         1         127         1,704         1         0           TFTM         2,811         1         0         1         122         3,019         1         0         1         131         3,038         1         0         1         132         1,771         0         0	
TFTM 2,811 1 0 1 122 3,019 1 0 1 131 3,038 1 0 1 132 1,771 0 0 0	
	72
T2M         3,887         1         0         1         111         4,174         1         0         1         119         4,201         1         0         1         120         2,387         1         0	68
T3S         4.033         1         0         1         115         4.331         1         0         1         124         4.359         1         0         1         125         2.477         1         0	71
530 mA 35W T3M 3,993 1 0 2 114 4,258 1 0 2 123 4,315 1 0 2 123 2,451 1 0 0	70
T4M         3,912         1         0         2         112         4,201         1         0         2         120         4,227         1         0         2         121         2,402         1         0	
	71
20 LED5) T2S 5,188 1 0 1 113 5,572 1 0 1 121 5,607 1 0 1 122 3,065 1 0 1	
T2M 4,945 1 0 2 108 5,309 1 0 2 115 5,343 1 0 2 116 2,921 1 0	64
T3S         5 131         1         0         2         112         5 510         1         0         2         120         5 544         1         0         2         121         3 031         1         0	66
700 mA 46W 73M 5,078 1 0 2 110 5,454 1 0 2 119 5,487 1 0 2 119 5,487 1 0 2 119 3,000 1 0	65
T4M         4,975         1         0         2         108         5,343         1         0         2         116         5,376         1         0         2         117         2,939         1         0	64
TFTM 5,172 1 0 2 112 5,554 1 0 2 121 5,589 1 0 2 122 3,055 1 0	
T25         7,204         1         0         2         99         7,736         2         0         2         100         2         2         100         2         100	
T2M         6,865         1         0         2         94         7,373         2         0         2         101         7,419         2         0         2         102         4,221         1         0	
T3S 7.125 1 0 2 98 7.651 1 0 2 105 7.698 1 0 2 105 4.380 1 0	
1000 mA 73W 73W 73W 73M 7,052 1 0 2 97 7,573 2 0 2 104 7,620 2 0 2 104 4,335 1 0	59
T4M         6,909         1         0         2         95         7,420         1         0         2         102         7,466         1         0         2         102         4,248         1         0	
	60



#### **Performance Data**

#### Lumen Ambient Temperature (LAT) Multipliers

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

Ami	pient	Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
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**

				Curre	nt (A)			
LEDs	Drive Current (mA)	System Watts	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	-	-
	350	24 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	74 W	0.69	0.40	0.35	0.30	0.23	0.17

Motion Sensor Default Settings											
Option	Dimmed State	High Level (when triggered)	Photocell Operation	Dwell Time	Ramp-up Time	Ramp-down Time					
PIR or PIRH	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	5 min	3 sec	5 min					
*PIR1FC3V or PIRH1FC3V	3V (37%) Output	10V (100%) Output	Enabled @ 1FC	5 min	3 sec	5 min					

\*For use when motion sensor is used as dusk to dawn control

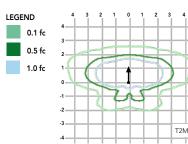
#### Photometric Diagrams

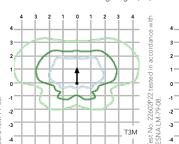
To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Wall Size 1 homepage.

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

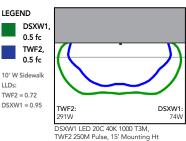
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Distribution overlay comparison to 250W metal halide.



#### **Options and Accessories**





HS - House-side shields



BSW - Bird-deterrent spikes



VG - Vandal guard



DDL - Diffused drop lens

#### **FEATURES & SPECIFICATIONS**

T3M (left)

#### 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 (70 min. CRI), 4000 K (70 min. CRI) or 5000 K (70 min. 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).



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COMMERCIAL OUTDOOR

#### 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/QPL to confirm which versions are qualified.

#### BUY AMERICAN ACT

This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/resources/buy-american for additional information.

#### WARRANTY

Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

**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.