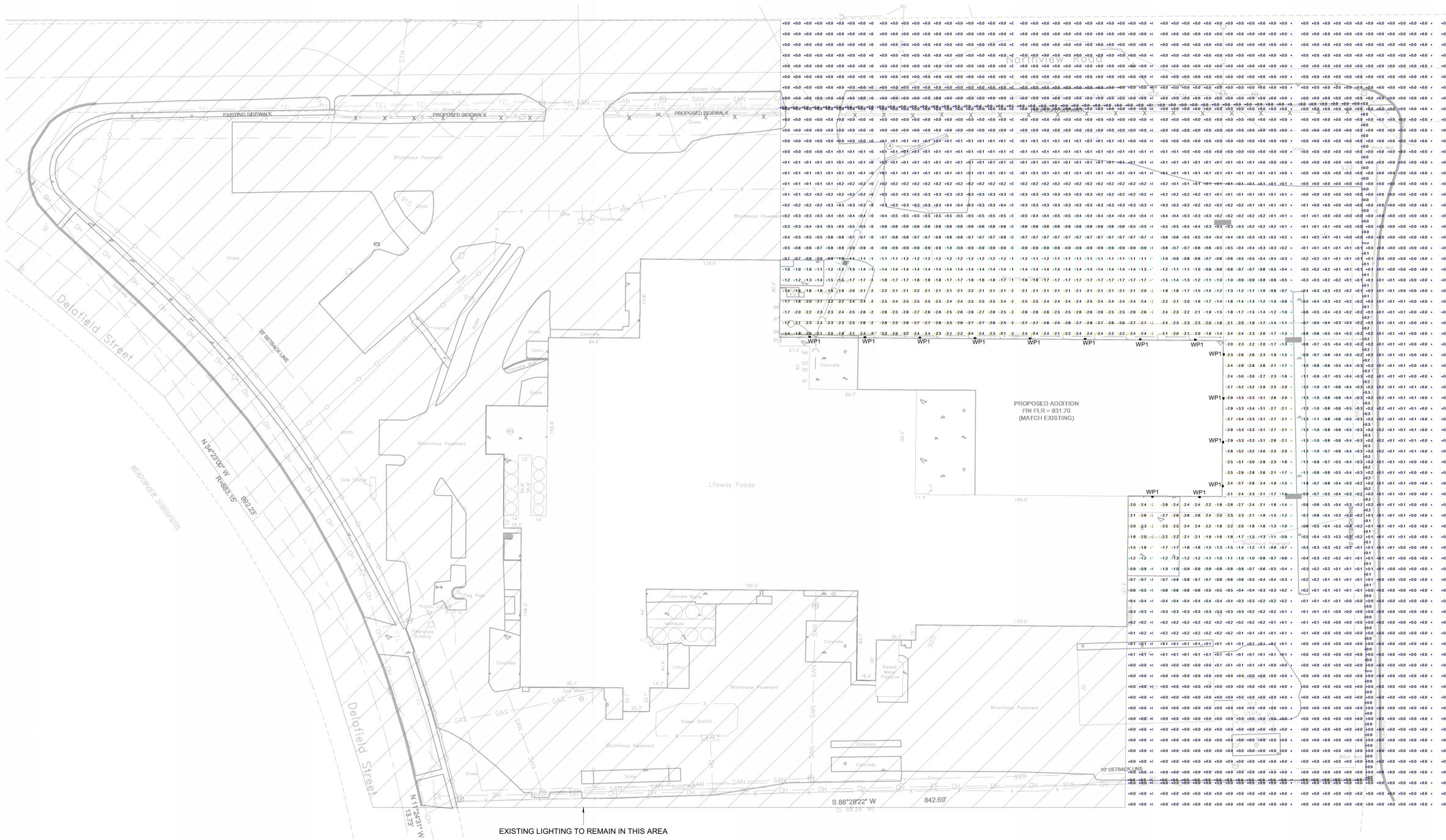## Light Fixture Schedule - IES

Tag	Mount	Lumens	Color Temp.	Load	Description	Manufacturer	Model	Photometric File Name	Total Light Loss Factor
WP1	Wall +30' AFG	12622 lm	3000 K	104 VA	DSXW2 LED, P7 14300 Nominal Lumens, 30K CCT 80CRI, Forward Throw Medium Distribution. Circuit via Timeclock/Photoeye.	Lithonia	DSXW2 LED P7 30K 80CRI TFTM MVOLT	DSXW2 P7 30K 80CRI TFTM.ies	1

Note: Architect to select fixture finish/color

Photometric Results

Calculation Points Name	Average	Maximum	Minimum
Overall	0.5 fc	3.4 fc	0.0 fc
North Property Line	0.0 fc	0.0 fc	0.0 fc
East Property Line	0.1 fc	0.3 fc	0.0 fc
South Property Line	0.0 fc	0.0 fc	0.0 fc

PROJECT

Lifeway Foods, Inc
2101 Delafield St
Waukesha, WI

CONTRACTOR

12
GAUGE
CONSTRUCTION, LLC

4125 TERMINAL DR.
Suite 100
McFarland, WI 53558

Plotted: February 16, 2026

Draft:
Date: January 31, 2026
Revisions:

PROPOSED ADDITION
FIN FLR = 931.70
(MATCH EXISTING)

Lifeway Foods

EXISTING LIGHTING TO REMAIN IN THIS AREA

S 88°28'22" W   842.69'

Delafield Street

1 **Site Photometric**
1" = 40'-0"

Sheet: **E101**
of:

Project No. 4123

D-Series Size 2
LED Wall Luminaire

d-series

NIGHTTIME FRIENDLY • CA+ CAPABLE • BAA • BABA • DLC LISTED • DLC LISTED PREMIUM

Specifications

Luminaire

Width:	18-1/2" *(47.0 cm)*	**Weight:**	21 lbs *(9.5 kg)*
Depth:	10" *(25.4 cm)*		
Height:	7-5/8" *(19.4 cm)*		

Back Box (BBW)

Width:	5-1/2" *(14.0 cm)*	**BBW Weight:**	1 lbs *(0.5 kg)*
Depth:	1-1/2" *(3.8 cm)*		
Height:	4" *(10.2 cm)*		

For 3/4" NPT side-entry conduit
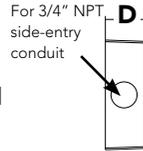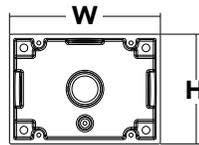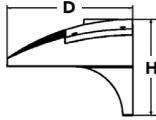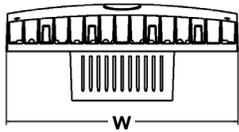
CA+ **A+ Capable options indicated by this color background.**

CA+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency

- This luminaire is A+ Certified when ordered with DTL® controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability1

- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background1

To learn more about A+, visit www.acuitybrands.com/aplus.

1. See ordering tree for details.

2. A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: Link to Roam; Link to DTL DLL

Ordering Information

EXAMPLE: DSXW2 LED P2 40K 70CRI T3M MVOLT SRM DDBTXD

DSXW2 LED

Series	Lumen Package	CCT	CRI	Distribution	Voltage	Mounting	Control Options
DSXW2 LED	P1 4200 Lumens	27K 2700K	70CRI 70CRI	T2S Type 2 Short	MVOLT	**Shipped included**	**Shipped installed**
	P2 5300 Lumens	30K 3000K	80CRI 80CRI[3]	T2M Type 2 Medium	120[5]	SRM Surface mounting bracket	PE Photoelectric cell, button type[7]
	P3 6100 Lumens	35K 3500K	AMCRI Amber CRI	T3LG Type 3 Low Glare[4]	208[5]		PER NEMA twist-lock receptacle only (control ordered separate)[8]
	P4 7200 Lumens	40K 4000K		T3M Type 3 Medium	240[5]		PER5 Five-wire receptacle only (control ordered separate)[8,9]
	P5 8200 Lumens	50K 5000K		T4M Type 4 Medium	277[5]	**Shipped separately**[15]	PER7 Seven-wire receptacle only (control ordered separate)[8,9]
	P6 10000 Lumens	57K 5700K		TFTM Forward Throw Medium	347[5,6]	BBW Surface-mounted back box (for conduit entry)	DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately)
	P7 14300 Lumens	AMBPC Amber PC[1]		BLC3 Back Light Control Type 3[4]	480[5,6]		PIR 180º motion/ambient light sensor,<15' mtg ht[10,11]
		AMBLW Amber LW[2]		BLC4 Back Light Control Type 4[4]	HVOLT[6]		PIRH 180° motion/ambient light sensor, 15-30' mtg ht[10,11]
							PIR1FC3V Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc[11,12]
							PIRH1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc[11,12]

Other Options

Shipped installed

SF	Single fuse (120, 277, 347V)[5]
DF	Double fuse (208, 240, 480V)[5]
HS	House-side shield
SPD	Separate surge protection[13]

Shipped separately[15]

BSW	Bird-deterrent spikes
VG	Vandal guard

Finish *(required)*

DDBXD	Dark bronze	DSSXD	Sandstone	DWHGXD	Textured white
DBLXD	Black	DDBTXD	Textured dark bronze	DSSTXD	Textured sandstone
DNAXD	Natural aluminum	DBLBXD	Textured black		
DWHXD	White	DNATXD	Textured natural aluminum		

LITHONIA LIGHTING®

COMMERCIAL OUTDOOR

Ordering Information

Accessories
Ordered and shipped separately.

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) [14]
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) [14]
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) [14]
DSHORT SBK U	Shorting cap (Included when ordering PER, PER5 or PER7) [14]
DSXWHS U	House-side shield (one per light engine)
DSXWBSW U	Bird-deterrent spikes
DSXW2VG U	Vandal guard accessory
DSXW2BBW DDBXD U	Back box accessory (specify finish)

For more control options, visit DTL and ROAM online.

NOTES
1. AMBPC only available with AMCRI
2. AMBLW only available in P1 and P6 Packages and AMBCRI
3. Not available with 57K
4. Not available with HS Option
5. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
6. Not available with P1 Option
7. Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
8. Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
9. If ROAM® node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Shorting Cap included.
10. Reference Motion Sensor table on page 3.
11. Reference PER Table on page 3 for functionality.
12. PIR and PIR1FC3V specify the SensorSwitch SBGR-10-ODP control; PIRH and PIRH1FC3V specify the SensorSwitch SBGR-6-ODP control; see Motion Sensor Guide for details. Dimming driver standard. Not available with PER5 or PER7. Separate on/off required.
13. See the electrical section on page 2 for more details.
14. Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item. See PER Table.
15. Also available as a separate accessory; see Accessories information.

Performance Data

Lumen Output
Lumen values are from photometric tests performed in accordance with IESNA LM-79-08.

Package	Dist. Type	System Watts	30K, 70CRI		40K, 70CRI		50K, 70CRI	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
P1	T2M	27	4,030	150	4,305	160	4,365	163
	T3M	27	3,913	146	4,180	156	4,238	158
	T4M	27	3,990	149	4,262	159	4,322	161
	TFTM	27	3,978	148	4,250	158	4,309	161
	BLC4	27	3,028	113	3,234	121	3,279	122
P2	T2M	35	5,090	146	5,438	156	5,513	158
	T3M	35	4,942	142	5,279	152	5,352	154
	T4M	35	5,040	145	5,384	155	5,458	157
	TFTM	35	5,024	144	5,367	154	5,442	156
	BLC4	35	3,824	110	4,085	117	4,142	119
P3	T2M	41	5892	143	6,294	153	6,381	155
	T3M	41	5720	139	6,110	148	6,195	150
	T4M	41	5833	142	6,231	151	6,318	153
	TFTM	41	5816	141	6,212	151	6,299	153
	BLC4	41	4426	107	4,728	115	4,794	116
P4	T2M	49	6,932	141	7,405	151	7,508	153
	T3M	49	6,730	137	7,189	146	7,289	148
	T4M	49	6,863	139	7,331	149	7,433	151
	TFTM	49	6,842	139	7,309	149	7,411	151
	BLC4	49	5,207	106	5,563	113	5,640	115
P5	T2M	57	7,882	138	8,420	148	8,536	150
	T3M	57	7,652	134	8,174	143	8,288	145
	T4M	57	7,803	137	8,336	146	8,452	148
	TFTM	57	7,780	136	8,311	146	8,426	148
	BLC4	57	5,921	104	6,325	111	6,413	112
P6	T2M	71	9,697	137	10,359	146	10,503	148
	T3M	71	9,415	133	10,057	142	10,197	144
	T4M	71	9,601	135	10,256	145	10,399	147
	TFTM	71	9,572	135	10,225	144	10,367	146
	BLC4	71	7,285	103	7,782	110	7,890	111
P7	T2M	104	13,812	133	14,755	142	14,960	144
	T3M	104	13,410	129	14,325	138	14,524	140
	T4M	104	13,675	132	14,608	141	14,811	143
	TFTM	104	13,634	131	14,565	140	14,767	142
	BLC4	104	10,376	100	11,084	107	11,238	108

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.

LITHONIA LIGHTING®

COMMERCIAL OUTDOOR

1 Acuity Way • Decatur, Georgia 30035 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
© 2012-2026 Acuity Brands Lighting, Inc. All rights reserved.

DSXW2-LED
Rev. 01/16/26
Page 2 of 4

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	1.04
10°C	50°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.97

Electrical Load

Performance Package	LEDs	Drive Current (mA)	System Watts	Current (A)					
				120V	208V	240V	277V	347V	480V
DSXW2 P1	20	425	27	0.22	0.13	0.11	0.09	-	-
DSXW2 P2	20	550	35	0.29	0.17	0.14	0.12	0.10	0.07
DSXW2 P3	20	650	41	0.34	0.20	0.17	0.15	0.12	0.09
DSXW2 P4	20	775	49	0.41	0.24	0.21	0.18	0.14	0.10
DSXW2 P5	20	900	57	0.47	0.27	0.24	0.20	0.16	0.12
DSXW2 P6	30	725	71	0.56	0.33	0.29	0.25	0.19	0.14
DSXW2 P7	30	1100	104	0.86	0.49	0.42	0.37	0.30	0.22

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the **DSXW2 LED P7** 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	0.91	0.82

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

PER Table

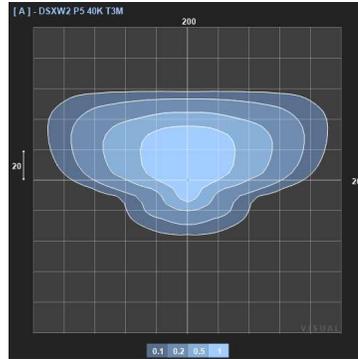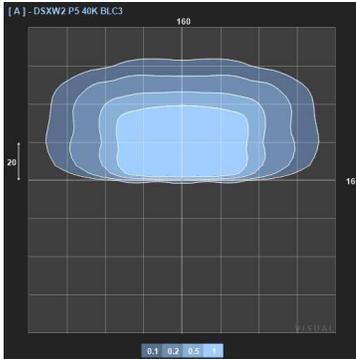| Control	PER (3 wire)	PER5 (5 wire)		PER7 (7 wire)		
			Wire 4/Wire5		Wire 4/Wire5	Wire 6/Wire7
Photocontrol Only (On/Off)	✓	⚠	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM	🚫	✓	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM with Motion	🚫	⚠	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture
Futureproof*	🚫	⚠	Wired to dimming leads on driver	✓	Wired to dimming leads on driver	Wires Capped inside fixture
Futureproof* with Motion	🚫	⚠	Wired to dimming leads on driver	✓	Wired to dimming leads on driver	Wires Capped inside fixture

✓ Recommended

🚫 Will not work

⚠ Alternate

*Futureproof means: Ability to change controls in the future.

LITHONIA LIGHTING®
COMMERCIAL OUTDOOR

1 Acuity Way • Decatur, Georgia 30035 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
© 2012-2026 Acuity Brands Lighting, Inc. All rights reserved.

DSXW2-LED
Rev. 01/16/26
Page 3 of 4

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Wall Size 2 homepage.

Isofootcandle plots for the DSXW2 LED P5 40K. Distances are in units of mounting height (20').

FEATURES & SPECIFICATIONS

INTENDED USE
The energy savings, long life and easy-to-install design of the D-Series Wall Size 2 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. IP66 rated light engine.

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 multiple CCTs and CRIs including Amber for specialized applications.

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 (L87/100,000 hrs at 25°C). Class 1 electronic drivers have a power factor >90%, THD <20%, and a minimum 6KV 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) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

GOVERNMENT PROCUREMENT
BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/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 www.acuitybrands.com/support/warranty/terms-and-conditions

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.