

ELECTRICAL SITE PHOTOMETRIC PLAN

1/16" = 1'-0"



Schedu	le							
Symbol	Label	QTY	Manufacturer	Catalog	Description	Lamp Dutput	LLF	Input Power
	S1	3	Lithonia Lighting	LDN4 30/07 LO4AR LSS	4IN LDN, 3000K, 750LM, CLEAR, SEMI- SPECULAR REFLECTOR, 80CRI	741	0.91	8,6
	S2	1	Lithonia Lighting	WDGE2 LED P4 30K 80CRI TFTM	WDGE2 LED WITH P4 - PERFORMANCE PACKAGE, 3000K, 80CRI, TYPE FORWARD THROW MEDIUM OPTIC	4002	0.91	46.6589
	23	8	Lithonia Lighting	WDGE2 LED P1 30K 80CRI T1S	WDGE2 LED WITH P1 - PERFORMANCE PACKAGE, 3000K, 80CRI, TYPE 1 SHORT OPTIC	1157	0.91	11.1658
	S3E	1	Lithonia Lighting	WDGE2 LED P1 30K 80CRI T1S	WDGE2 LED WITH P1 - PERFORMANCE PACKAGE, 3000K, 80CRI, TYPE 1 SHORT OPTIC	1157	0.91	11.1658
•	\$4	1	Lithonia Lighting	DSX0 LED P3 30K 70CRI T5W/ SSS 17.5' POLE ON 2.5' BASE	D-Series Size O Area Luminaire P3 Performance Package 3000K CCT 70 CRI Type 5 Wide	8955	0.91	137.9
	\$5	1	Lithonia Lighting		D-Series Size O Area Luminaire P3 Performance Package 3000K CCT 70 CRI Type 3 Medium Houseside Shield	7315	0.91	68.95
	EM1	3	SIGNTEX, INC	MUE10X-T	EXTRUDED ALUMINUM HOUSING, FROSTED PLASTIC ENCLOSURE.	494	0	10.7

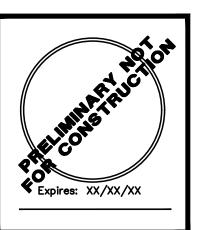
Statistics													
Description	Symbol	Avg	Max	Min	Ma×/Min	Avg/Min							
SITE FC AFG	+	1.3 fc	7.1 fc	0.1 fc	71.0:1	13,0:1							



ARCHITECTS 730 N. 52nd St. Ste. 203 Phoenix, Arizona 85008

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PINNACLE PEAK PET RESORT

7474 EAST PINNACLE PEAK ROAD SCOTTSDALE ARIZONA 85255

DATE

RE-ZONING SUBMITTAL 2/21/2023

DRAWN BY: CF

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DESIGN CODES

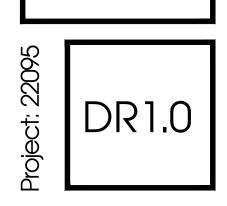
ELECTRICAL CONTRACTOR SHALL NOTIFY DESIGNER/ENGINEER PRIOR TO ANY DEVIATION FROM THIS SET OF ELECTRICAL DESIGN PLANS ANY CHANGES TO THE DESIGN, IF APPROVED BY ENGINEER, WILL REQUIRE REVISIONS TO

PLANS AND POSSIBLE ADDITIONAL SERVICE

NEC: 2017

IECC₁ 2018

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IF DRAWING IS NOT PLOTTED AT 24 X 36 THEY ARE NOT FULL SIZE

POLE MOUNTED FIXTURE DETAIL

2'-0" 1 (DIA.)

FIXTURE TYPE "S4"/"S5"

THE POLE CONCRETE BASE DETAIL IS SHOWN FOR ELECTRICAL ROUGH-IN AND

SHALL NOT BE USED FOR THE ACTUAL BASE CONSTRUCTION. POLE BASE SHALL BE

DESIGNED BY A REGISTERED STRUCTURAL PROFESSIONAL ENGINEER AND

CONSTRUCTED PER STRUCTURAL ENGINEERS SEALED CONSTRUCTION DOCUMENT.

NOTE: ELECTRICAL CONTRACTOR SHALL BOND METAL POLE PER NEC 410.30(B)(5)

AS SHOWN IN DETAIL.

PROVIDE

E.G.C.

GROUND LUG

AT HANDHOLE-

BONDING OF-

METAL POLE TO

- POLE SHALL BE SQUARE,

- HANDHOLE WITH TAMPER

GÁLVANIZED STEEL BOLTS

A PVC CONDUIT (SEE

 $\neg \lor$ plans for size).

- CONCRETE BASE AGAINST

WELL COMPACTED EARTH.

FINISHED GRADE

FURNISHED WITH POLE.

STRAIGHT STEEL, WITH

4"x4" MINIMUM.

PROOF SCREWS.

GUSSETT PLATE.

- (4) HOT DIPPED

-BASE COLLAR WITH

FEATURES & SPECIFICATIONS

 $\textbf{INTENDED USE} \ \, \textbf{—} \ \, \textbf{Typical applications include corridors, lobbies, conference rooms and private offices.}$ **CONSTRUCTION** — Galvanized steel mounting/plaster frame; galvanized steel junction box with bottom-hinged access covers and spring latches. Reflectors are retained by torsion springs. Vertically adjustable mounting brackets with commercial bar hangers provide 3-3/4" total adjustment.

Two combination 1/2"-3/4" and four 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out). No. 12 AWG Accommodates 12"-24" joist spacing. Passive cooling thermal management for 25°C standard; high ambient (40°C) option available. Light engine and drivers are accessible from above or below ceiling.

Max ceiling thickness 1-1/2". **OPTICS** — LEDs are binned to a 3-step SDCM; 80 CRI minimum, 90 CRI optional. LED light source concealed with diffusing optical lens. General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.

Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black **ELECTRICAL** — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available. 0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.

LISTINGS — Certified to US and Canadian safety standards. Wet location standard (covered ceiling). IP55 rated. ENERGY STAR® certified product. BUY AMERICAN — Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT.

Please refer to www.acuitybrands.com/buy-american for additional information. **WARRANTY** — 5-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: <u>www.acuitybrands.com/support/warranty/terms-and-conditions</u> 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.

A+ Capable options indicated by this color background.

ORDERING INFORMAT	RDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. Example: LDN 4 35/15 LO 4AR LSS MVOLT EZ1														
LDN4															
Series	Color temperature	Lumens ¹		Aperture/Trim Color		Finish	Voltage								
LDN4 4" round	27/ 2700K 30/ 3000K 35/ 3500K 40/ 4000K	05 500 lumens 07 750 lumens 10 1000 lumens 15 1500 lumens	20 2000 lumens 25 2500 lumens 30 3000 lumens 40 4000 lumens	LO4 Downlight LW4 Wallwash	AR Clear WR ² White BR ² Black	LSS Semi-specular LD Matte diffuse LS Specular	MVOLT Multi-volt 120 120V 277 277V 347 ³ 347V								

Driver	Options			
GZ10 0-10V driver dims to 10% GZ1 0-10V driver dims to 1% EZ10 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 10% EZ1 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 1% D10 Minimum dimming 10% driver for use with JOT D1 Minimum dimming 1% driver for use with JOT EDAB eldoLED DALI SOLDRIVE dim to dark	TRW6 W TRBL6 BI EL5 Er NO ELR5 Er NO ELSD5 Er ER E10WCP5 Er C6 NPP16D7 nl NNPP16DE77 nl	Ingle fuse I/hite painted flange Iack painted Ia	N808 JOT ¹³ NPS80EZ ⁷ NPS80EZER ⁷ HAO ¹¹ CP ¹² RRL NLTAIR2 ^{9,10,14} NLTAIRER2 ^{9,10} NLTAIRER2 ^{9,10} BAA 90CRI	nLight™ Lumen Compensation Wireless room control with "Just One Touch" pairing nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). ER controls fixtures on emergency circuit. High ambient option (40°C) Chicago Plenum RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Refer to RRL for complete nomenclature. Available only in RRLA, RRLB, RRLAE, an RRLC12S. nLight® Air enabled nLight® Air Dimming Pack Wireless Controls. Controls fixtures on emergency circuit, not available with battery pack options nLight® AIR Dimming Pack Wireless Controls. UI 924 Emergency Operat via power interrupt detection. Available with battery pack options. Buy America(n) Act Compliant High CRI (90+)

	neia m
EAC ISSM 375	Compa
EAC ISSM 125	Compa

FMC Power Sentry batterypack, T20 compliant, field installable, 10w constant power pact interruptible emergency AC power system oact interruptible emergency AC power system Oversized trim ring with 6" outside diameter SCA4 Sloped Ceiling Adapter. Degree of slope must be specified (5D, 10D, 15D, 20D, 25D, 30D). Ex: SCA4 10D.

Not available with emergency options

12.5" of plenum depth or top access required for battery pack maintenance. wailable with clear (AR) reflector only. Specify voltage. ER for use with generator supply EM power. Will require an Fixture begins at 80% light level. Must be specified with NPS80EZ or NPS80EZ Not available with CP, NPS80EZ, NPS80EZER, NPP16D, NPP16DER or N80 options.

11 Fixture height is 5-11/16" for all lumen packages with HAO. 12 Must specify voltage for 3000lm. Not available with emergency battery pack

13 Must specify D10 or D1 driver. Not available with nLight options. Not available with CP. Not recommended for metal ceiling installation. Not for use with emergency backup power systems other than battery packs. 14 When combined with EZ1 or EZ10 drivers, an be used as a normal power

DOWNLIGHTING

PHOTOMETRY

Illuminance Data at 30" Above Floor for

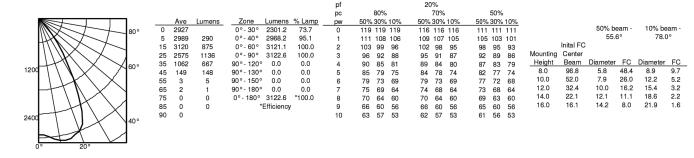
LDN4 35/10 LO4AR, input watts: 10.58, delivered lumens: 1085.2, LM/W = 102.57, spacing criterion at 0= 1.04, test no. ISF 30712P229.

							pf				20	%										
							рс		80%			70%			50%							
		Ave	Lumens	Zone	Lumens	% Lamp	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%						
80°	0	1017		0°-30°	799.7	73.7	0	119	119	119	116	116	116	111	111	111			50% be		10% be	
	5	1039	101	0°-40°	1031.5	95.1	1	111	108	106	109	107	105	105	103	101			55.6	0	78.0	10
	15	1084	304	0°-60°	1084.7	100.0	2	103	99	96	102	98	95	98	95	93		Inital FC				
11/1/1/1/1/1	25	895	395	0°-90°	1085.2	100.0	3	96	92	88	95	91	87	92	89	86	Mounting	Center				
400 X 60°	35	369	232	90° - 120°	0.0	0.0	4	90	85	81	89	84	80	87	83	79	_Height	Beam	Diameter	FC	Diameter	FC
404 1 × × 100	45	52	51	90° - 130°	0.0	0.0	5	85	79	75	84	78	74	82	77	74	8.0	33.6	5.8	16.8	8.9	3.4
$1 \mid \mathcal{M} \setminus \mathcal{X} \mid$	55	1	2	90° - 150°	0.0	0.0	6	79	73	69	79	73	69	77	72	68	10.0	18.1	7.9	9.0	12.2	1.8
$H \setminus V \times V$	65	1	1	90° - 180°	0.0	0.0	7	75	69	64	74	68	64	73	68	64	12.0	11.3	10.0	5.6	15.4	1.1
	75	0	0	0°-180°	1085.2	*100.0	8	70	64	60	70	64	60	69	63	60	14.0	7.7	12.1	3.8	18.6	0.8
	85	0	0		Efficiency	,	9	66	60	56	66	60	56	65	60	56	16.0	5.6	14.2	2.8	21.9	0.6
800 \	90	0			,		10	63	57	53	62	57	53	61	56	53						
140°		-																				
\sim																						
00.0																						

LDN4 35/15 LO4AR, input watts: 17.5, delivered lumens: 1570.1, LM/W = 89.72, spacing criterion at 0 = 1.04, test no. ISF 30712P234.

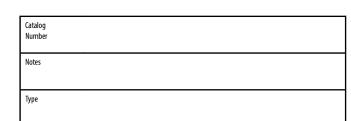
							ы				20	70										
							рс		80%			70%			50%							
		Ave	Lumens	Zone	Lumens	% Lamp	pw	50%	30%	10%	50%	30%	10%	50%3	30%	10%						
80°	0	1472		0°-30°	1157.1	73.7	0	119	119	119	116	116	116	111	111	111			50% be		10% be	
	5	1503	146	0°-40°	1492.5	95.1	1	111	108	106	109	107	105	105	103	101			55.6	3°	78.0	J٥
$\Pi/M \sim 1$	15	1569	440	0°-60°	1569.4	100.0	2	103	99	96	102	98	95	98	95	93		Inital FC				
1//////////////////////////////////////	25	1295	571	0°-90°	1570.1	100.0	3	96	92	88	95	91	87	92	89	86	Mounting	Center				
60°	35	534	335	90° - 120°	0.0	0.0	4	90	85	81	89	84	80	87	83	79	Height	Beam	Diameter	FC	Diameter	FC_
60d / / / / / / / / / / / / / / / / / / /	45	75	74	90°-130°	0.0	0.0	5	85	79	75	84	78	74	82	77	74	8.0	48.7	5.8	24.3	8.9	4.9
$ \cdot \cdot \times \times $	55	1	3	90° - 150°	0.0	0.0	6	79	73	69	79	73	69	77	72	68	10.0	26.2	7.9	13.1	12.2	2.6
	65	1	1	90°-180°	0.0	0.0	7	75	69	64	74	68	64	73	68	64	12.0	16.3	10.0	8.2	15.4	1.6
	75	0	0	0°-180°		*100.0	8			60	70					60	14.0	11.1	12.1	5.6	18.6	1.1
	85	0	0		Efficiency		9			56			56			56	16.0	8.1	14.2	4.0	21.9	0.8
1000	90	0	-		,		10	63	57	53			53			53						
1200 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	-	Ü						00	٠,	00	02	0,	00	01	00	00						
0° 20°																						

LDN4 35/30 LO4AR, input watts: 32.1, delivered lumens: 3122.6, LM/W = 88.52, spacing criterion at 0 = 1.04, test no. ISF 30712P249.



A LITHONIA LIGHTING

DOWNLIGHTING: One Lithonia Way Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com © 2015-2022 Acuity Brands Lighting, Inc. All rights reserved. Rev. 05/03/22



LDN4

4" Open and WallWash LED

New Construction Downlight



Specifications

Depth (D1):

Depth (D2):

Height:

Width:











Introduction

The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution Embedded with nLight® AIR wireless controls, the WDGE family provides additional energy savings and code compliance.

WDGE2 delivers up to 6,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. When combined with multiple integrated emergency battery backup options, including an 18W cold temperature option, the WDGE2 becomes the ideal wall-mounted lighting solution for pedestrian scale applications in

WDGE LED Family Overview

11.5"

	uminaire	Optics	Standard EM, 0°C	Cold EM, -20°C	Sensor			Approxim	ate Lumens (49	000K, 80CRI)		
L	ummaire	optics	Standard Elvi, V.C.	Cold Elvi, -20 C		P0	P1	P2	Р3		P5	P6
W	VDGE1 LED	Visual Comfort	4W			750	1,200	2,000				
W	VDGE2 LED	Visual Comfort	10W	18W	Standalone / nLight		1,200	2,000	3,000	4,500	6,000	
W	VDGE2 LED	Precision Refractive	10W	18W	Standalone / nLight	700	1,200	2,000	3,200	4,200		
W	VDGE3 LED	Precision Refractive	15W	18W	Standalone / nLight		7,500	8,500	10,000	12,000		
W	VDGE4 LED	Precision Refractive			Standalone / nLight		12,000	16,000	18,000	20,000	22,000	25,000

EXAMPLE: WDGE2 LED P3 40K 80CRI VF MVOLT SRM DDBXD

Series	Packag		Color T	emperature	CRI	Distril		Voltage		ing		
WDGE2 LED	P1 ¹ P2 ¹ P3 ¹ P4 ¹ P5 ¹	P1SW P2SW P3SW Door with small window (SW) is required to accommodate sensors. See page 2 for more details.	27K 30K 35K 40K 50K ²	2700K 3000K 3500K 4000K 5000K	80CRI 90CRI	VF VW	Visual comfort forward throw Visual comfort wide	MVOLT 347 ³ 480 ³	Shipp SRM ICW	ed included Surface mounting bracket Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) ⁷	Shipper AWS PBBW	d separately 3/8inch Architectural wall spacer S urface-mounted back box (top, left, right conduit entry). Use when there is no junction box available.

Options					
E4WH	Emergency battery backup, Certified in CA Title 20 MAEDBS (4W. 0°C min)		Sensors/Controls (only available with P1SW, P2SW & P3SW)	DDBXD	Dark bronze
E10WH	Emergency battery backup, Certified in CA Title 20 MAEDBS	PIR	Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching.	DBLXD DNAXD	Black Natural aluminum
E20WC	(10W, 5°C min) Emergency battery backup, Certified in CA Title 20 MAEDBS	PIRH	Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching	DWHXD	White
251	(18W, −20°C min)	PIR1FC3V	Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-	DSSXD DDBTXD	Sandstone Textured dark bronze
PE ⁴	Photocell, Button Type	DIDUATON	programmed for dusk to dawn operation.	DBLBXD	Textured black
DS ⁵	Dual switching (comes with 2 drivers and 2 light engines; see page 3 for details)	PIRH1FC3V	Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre- programmed for dusk to dawn operation.	DNATXD	Textured natural alumin
DMG ⁶	0-10V dimming wires pulled outside fixture (for use with an	Networked S	ensors/Controls (only available with P1SW, P2SW & P3SW)	DWHGXD	Textured white
	external control, ordered separately)	NLTAIR2 PIR	nLightAIR Wireless enabled bi-level motion/ambient sensor for 8–15' mounting heights.	DSSTXD	Textured sandstone

COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
© 2019-2022 Acuity Brands Lighting, Inc. All rights reserved. © 2019-2022 Acuity Brands Lighting, Inc. All rights reserved. LIGHTING.

BCE Bottom conduit entry for back box (PBBW). Total of 4 entry points. NLTAIR2 PIRH nLightAIR Wireless enabled bi-level motion/ambient sensor for 15-30' mounting heights.

WDGEAWS DDBXD WDGE 3/8inch Architectural Wall Spacer (specify finish)

WDGE2PBBW DDBXD U WDGE2 surface-mounted back box (specify finish)

BAA Buy America(n) Act Compliant

P1-P5 not available with sensors/controls. Sensors/controls only available with P1SW, P2SW and P3SW.

3 347V and 480V not available with E4WH, E10WH, E20WC or DS. 4 PE not available in 480V or with sensors/controls 5 DS option not available with E4WH, E10WH, E20WC or sensors/controls 6 DMG option not available with sensors/controls 7 Not qualified for DLC. Not available with emergency battery backup or sensors/controls

Default configuration with no sensors/controls. Power Packages: P1, P2, P3, P4, P5 Small Window (SW) configuration

WDGE2 LED

Rev. 11/21/22

Power Packages: P1SW, P2SW, P3SW

Configuration with sensors/controls Power Packages: P1SW, P2SW, P3SW

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.

												35						K (4000K									
Package		Dist. Type						Lumens					Lumens					Lumens		В							
P1 / P1SW	10W	VF	1,166	119	0	0	0	1,209	123	0	0	0	1,251	128	0	0	0	1,256	128	0	0	0	1,254	128	0	0	0
PI/PISW	TOW	VW	Lumens IPW B U G Lumens IPW B U G<	0	0	0																					
P2 / P2SW	15W	VF	1,878	129	1	0	0	1,947	134	1	0	0	2,015	139	1	0	0	2,023	139	1	0	0	2,019	139	1	0	0
P2 / P25W	1500	VW	1,927	133	1	0	0	1,997	137	1	0	0	2,067	142	1	0	0	2,075	143	1	0	0	2,071	143	1	0	0
P3 / P3SW 23W	22111	VF	2,908	129	1	0	0	3,015	134	1	0	0	3,119	138	1	0	0	3,132	139	1	0	0	3,126	139	1	0	0
P3 / P33W	23 VV	VW	2,983	132	1	0	0	3,093	137	1	0	0	3,200	142	1	0	0	3,213	143	1	0	0	3,206	142	1	0	0
D4	2EW	VF	4,096	117	1	0	1	4,247	121	1	0	1	4,394	126	1	0	1	4,412	126	1	0	1	4,403	126	1	0	1
P4 35W	3511	VW	4,202	120	1	0	0	4,357	125	1	0	1	4,508	129	1	0	1	4,526	129	1	0	1	4,517	129	1	0	1
DC	40\\	VF	5,567	115	1	0	1	5,772	119	1	0	1	5,972	123	1	0	1	5,996	124	1	0	1	5,984	124	1	0	1
P5 48W —	VW	5,711	118	1	0	1	5,921	122	1	0	1	6,127	126	1	0	1	6,151	127	1	0	1	6,139	127	1	0	1	

Electrical Load

Performance	Control Wester						
Package	System Watts	120V	208V	240V	277V	347V	480V
P1 / P1SW	10W	0.082	0.049	0.043	0.038		
PI/PISW	13W		-			0.046	0.033
P2 / P2SW	15W	0.132	0.081	0.072	0.064		
P2 / P23W	18W				-	0.056	0.041
P3 / P3SW	23W	0.195	0.114	0.100	0.088		
P3 / P33W	26W					0.079	0.058
P4	35W	0.302	0.175	0.152	0.134	-	
P4	38W					0.115	0.086
DE	48W	0.434	0.241	0.211	0.184		

52W -- -- -- 0.157 0.119

		Lumen Multiplier for 90CRI					
				Multiplier			
			27K	0.845			
			30K	0.867			
6	0.033		35K	0.845			
	_		40K	0.885			
6	0.041		50K	0.898			
		_					

	Dist. Type	
E4WH	VF	646
	VW	647
E10WH	VF	1,658
	VW	1,701
F2014/6	VF	2,840
E20WC	VW	2,913

Lumen Ambient Temperature (LAT) Multipliers

ratures from 0-40°C (32-104°F).						
		Lumen Multiplier				
0°C	32°F	1.03				
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°E	0.98				

Projected LED Lumen Maintenance Data references the extrapolated performance projections for the platforms noted in a 25°C

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	>0.96	>0.95	>0.91		



COMMERCIAL OUTDOOR

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Introduction The modern styling of the D-Series features a

highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the 0 0 0 0 benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications, with typical energy savings of 70% and expected service life of over 100,000 hours.

EXAMPLE: DSX0 LED P6 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD Ordering Information DSX0 LED Forward optics T5M Type V medium MVOLT (120V-277V)⁴ Shipped included (this section 70CRI only) AFR Automotive front row HVOLT (347V-480V) 5,6 SPA Square pole mounting P1 P5 **30K** 3000K Type I short T5LG Type V low glare (#8 drilling, 3.5" min. **40K** 4000K XVOLT (277V-480V)^{7,8} P2 P6 T2M Type II medium T5W Type V wide SQ pole) **50K** 5000K T3M Type III medium BLC3 Type III backlight RPA Round pole mounting (this section 80CRI only, T3LG Type III low glare³ (#8 drilling, 3" min. RND pole) BLC4 Type IV backlight extended lead times Rotated optics T4M Type IV medium SPA5 Square pole mounting P101 P121 T4LG Type IV low glare 3 LCCO Left corner cutoff³ 27K 2700K (#5 drilling. 3" min. SQ pole) 9 TFTM Forward throw medium **30K** 3000K RCCO Right corner cutoff³ **35K** 3500K (#5 drilling, 3" min. RND pole)⁹ 40K 4000K SPA8N Square narrow pole mounting (#8 drilling, 3" min. SQ pole) WBA Wall bracket 10

					Other options		Finish (required)	
Shipped installe NLTAIR2 PIRHN PIR PER PERS	nLight AIR gen 2 enabled with bi-level motion / ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc. ^{11, 12, 18, 19} High/low, motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc ^{13, 18, 19} NEMA twist-lock receptacle only (controls ordered separate) ¹⁴ Five-pin receptacle only (controls ordered separate) ^{14, 19}	PER7 FA0 BL30 BL50 DMG	Seven-pin receptacle only (controls ordered separate) ^{14, 19} Field adjustable output ^{15, 19} Bi-level switched dimming, 30% ^{16, 19} Bi-level switched dimming, 50% ^{16, 19} 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) ¹⁷	HS L90 R90 CCE	Houseside shield (black finish standard) ²⁰ Left rotated optics ¹ Right rotated optics ¹ Coastal Construction ²¹ red separately External Glare Shield (reversible, field install required, matches housing finish) Bird Spikes (field install required)	DDBXD DBLXD DNAXD DWHXD DDBTXD DBLBXD DNATXD DWHGXD	Dark Bronze Black Natural Aluminum White Textured dark bronze Textured black Textured natural aluminum Textured white	



Specifications

EPA:

Length:

Height H1:

Height H2

0.44 ft²

26.18"

Ordering Information

DLL127F 1.5 JU Photocell - SSL twist-lock (120-277V) 22 DLL347F 1.5 CUL JU Photocell - SSL twist-lock (347V) 22 DLL480F 1.5 CUL JU Photocell - SSL twist-lock (480V) 22 DSX0HS 20C House-side shield for P1, P2, P3 and P4 ²⁰

DSXOHS 30C House-side shield for P10, P11, P12 and P13 20 DSXOHS 40C House-side shield for P5. P6 and P7 20 DSXRPA (FINISH) Round pole adapter (#8 drilling, specify finish)

DSXRPA5 (FINISH) Round pole adapter #5 drilling (specify finish) DSXSPA5 (FINISH) Square pole adapter #5 drilling (specify finish)

DSX0EGS (FINISH) External glare shield

Rotated optics available with packages P10, P11, P12 and P13. Must be combined with option L90 or R90. 30K, 40K, and 50K available in 70CRI and 80CRI. 27K and 35K only available with 80CRI. Contact Technical Support for other possible combinations. 73LG, T4LG, BLC3, BLC4, LCCO, RCCO not available with option Hs. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
HVOLT not available with package P1, P2 and P10 when combined with option NLTAIR2 PIRHN or option PIR.
XVOLT operates with any voltage between 277V and 480V (50/60 Hz).
XVOLT not available in package P1, P2 or P10.
SPAS and RPAB5 for use with #5 drilling only (Not for use with #8 drilling). WBA cannot be combined with Type 5 distributions plus photocoll (PER).
 NLTAIR2 and PIRHN must be ordered together. For more information on nlight Air 2.
 NLTAIR2 PIRHN not available with other controls including PIR, PER, PERS, PER7, FAO, BL30, BL50 and DMG. NLTAIR2 PIRHN not available with P1, P2 and P10 using HVOLT. NLTAIR2 PIRHN not available with P1, P2 and P10 using HVOLT. NLTAIR2, PER, PERS, PERS,

P2 and P10 using XVOLT.

PER/PERS/PER7 not available with NLTAIR2, PIR, BL30, BL50. Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.

FAO not available with other dimming control options NLTAIR2 PIRHN, PIR, PER5, PER7, BL30, BL50, or DMG.

BL30 and BL50 are not available with NLTAIR2 PIRHN, PIR, PER, PER5, PER7, FAO and DMG.

DMG not available with NLTAIR2 PIRHN, PIR, PER, PER5, PER7, BL30, BL50 and FAO.

Reference Motion Sensor Default Settings table on page 4 to see functionality.

Reference Controls Options table on page 4.

rence Controls Options table on page 4.

on HS not available with T3LG, T4LG, BLC3, BLC4, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information. option not available with potion BS and EGS. Contact Technical Support for availability.

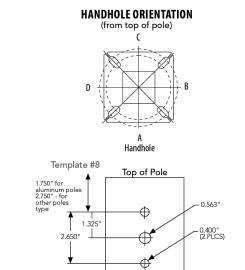
uires luminaire to be specified with PER, PER5 or PER7 option. See Controls Table on page 4.





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External Glare Shield (EGS)



AS3-5 190 AS3-5 280 AS3-5 290 AS3-5 390 AS3-5 320 AS3-5 490
 RPA
 AST35-190
 AST35-280
 AST35-290
 AST35-390
 AST35-320
 AST35-490
 - | -- | t_a | -t_a | Y Side B Side B & D Side B & C Side B, C & D Round Pole Only Side A, B, C & D #8 DM19AS DM28AS DM29AS DM39AS DM32AS DM49AS

DSX0 Area Luminaire - EPA *Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.									
Fixture Quantity & Mounting Configuration	Single DM19	2 @ 180 DM28	2@90 DM29	3 @ 90 DM39	3 @ 120 DM32	4@9			
Mounting Type		-	L	_T_	Y	-			
DSX0 with SPA	0.44	0.88	0.96	1.18		1			
DSX0 with SPA5, SPA8N	0.51	1.02	1.06	1.26		1			
DSX0 with RPA, RPA5	0.51	1.02	1.06	1.26	1.24	1			

DSX0 with MA 0.64 1.28 1.24 1.67 1.70 1.93

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IECC: 2018

DESIGN CODES

NEC: 2017

ELECTRICAL CONTRACTOR SHALL NOTIFY **DESIGNER/ENGINEER PRIOR TO ANY DEVIATION** FROM THIS SET OF ELECTRICAL DESIGN PLANS ANY CHANGES TO THE DESIGN, IF APPROVED BY ENGINEER, WILL REQUIRE REVISIONS TO PLANS AND POSSIBLE ADDITIONAL SERVICE

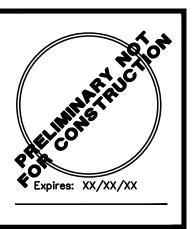


IF DRAWING IS NOT PLOTTED AT 24 X 36 THEY ARE NOT FULL SIZE



Phoenix, Arizona 85008 P 602.393.5060

CawleyArchitects.com



PINNACLE PEAK PET RESORT

7474 EAST PINNACLE PEAK ROAD SCOTTSDALE ARIZONA 85255

DATE

RE-ZONING SUBMITTAL 2/21/2023

DRAWN BY: CF

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