

# ELECTRICAL SITE PHOTOMETRIC PLAN 1/16" = 1'-0"

Schedu	le	<b></b>		1	I				1
Symbol	Label	QTY	Manufacturer	Catalog	Description	Number Lamps	Lamp Dutput	LLF	Input Power
$\bigcirc$	S1	3	Lithonia Lighting	LDN4 30/07 LD4AR LSS	4IN LDN, 3000K, 750LM, CLEAR, SEMI- SPECULAR REFLECTOR, 80CRI	1	741	0.91	8.6
	25	1	Lithonia Lighting	WDGE2 LED P4 30K 80CRI TFTM	WDGE2 LED WITH P4 - PERFORMANCE PACKAGE, 3000K, 80CRI, TYPE FORWARD THROW MEDIUM OPTIC	1	4002	0.91	46.6589
	23	6	Lithonia Lighting	WDGE2 LED P1 30K 80CRI T1S	WDGE2 LED WITH P1 - PERFORMANCE PACKAGE, 3000K, 80CRI, TYPE 1 SHORT OPTIC	1	1157	0.91	11.1658
	S3E	2	Lithonia Lighting	WDGE2 LED P1 30K 80CRI T1S	WDGE2 LED WITH P1 - PERFORMANCE PACKAGE, 3000K, 80CRI, TYPE 1 SHORT OPTIC	1	1157	0.91	11.1658
•	S4	1	Lithonia Lighting	DSX0 LED P3 30K 70CRI T5W/ SSS 17.5' PDLE DN 2.5' BASE	D-Series Size O Area Luminaire P3 Performance Package 3000K CCT 70 CRI Type 5 Wide	1	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	1	7315	0.91	68.95
	EM1	2	SIGNTEX, INC	MUE10X-T	EXTRUDED ALUMINUM HOUSING, FROSTED PLASTIC ENCLOSURE.	1	494	0	10.7
	EM2	0	Lithonia Lighting	AFF FCT	AFF premium FCT (Forward Throw)	1	451	0	5.48

Statistics						
Description	Symbol	A∨g	Max	Min	Max/Min	A∨g/Min
SITE FC AFC	+	1.2 fc	7.3 fc	0.0 fc	N/A	N/A

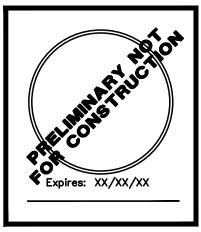
IN





730 N. 52nd St. Ste. 203 Phoenix, Arizona 85008 P 602.393.5060

CawleyArchitects.com



# PINNACLE PEAK PET RESORT

7474 EAST PINNACLE PEAK ROAD SCOTTSDALE ARIZONA 85255

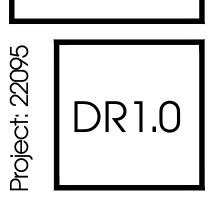
## DATE

**RE-ZONING SUBMITTAL** 2/21/2023 2nd RE-ZONING SUBMITTA 7/16/2023

DRAWN BY: CF

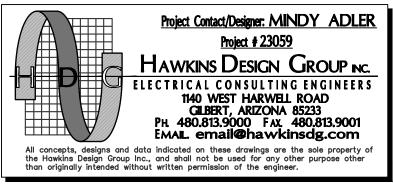
OWNERSHIP OF DOCUMENTS: This drawing, including the architectural concept, design, and data, is an instrument of service and shall remain the property of Cawley Architects Inc. This drawing is for use at the location described herein and shall not be used in other locations. Any other use or release of these drawings may result in civil damages.

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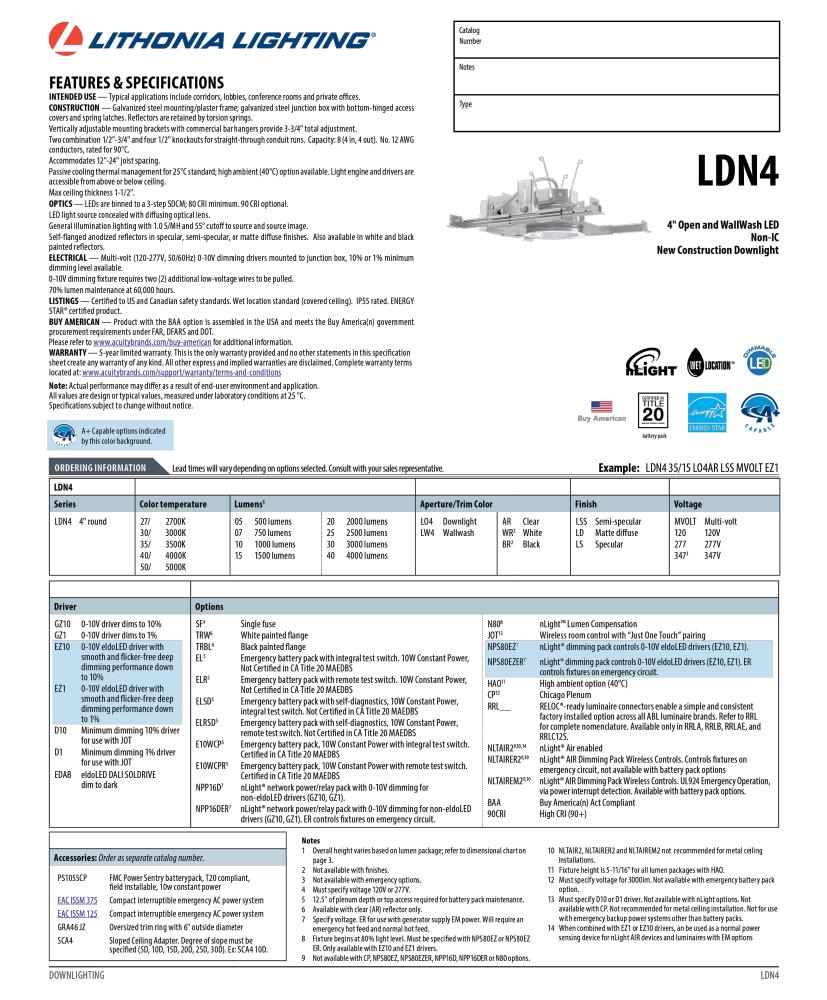


	DESIGN	CODES	
IECC:	2018	NEC	2017

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



FIXTURE TYPE, 'S1'



### LDN4

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30″ Above Floor for a Single Luminaire
<b>DN4 35/10 LO4AR</b> , i	nput watts: 10.58, de	livered lumens: 1085.2,		rion at 0= 1.04, test no. ISF 30712P229.
	$\begin{array}{c c} & \underline{Ave} & \underline{Lumens} \\ \hline & 0 & 1017 \\ 5 & 1039 & 101 \\ 15 & 1084 & 304 \\ 25 & 895 & 395 \\ 60^{\circ} & 35 & 369 & 232 \\ 45 & 52 & 51 \\ 55 & 1 & 2 \\ 65 & 1 & 1 \\ 75 & 0 & 0 \\ 85 & 0 & 0 \\ 90 & 0 \\ \hline \end{array}$	Zone         Lumens         % Lamp           0° - 30°         799.7         73.7           0° - 60°         1031.5         95.1           0° - 60°         1084.7         100.0           0° - 120°         0.0         0.0           90° - 120°         0.0         0.0           90° - 130°         0.0         0.0           90° - 180°         0.0         0.0           90° - 180°         0.0         0.0           ° - 180°         1085.2         *100.0           *Efficiency         *         *	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
4 35/15 LO4AR, i	Ave Lumens 80° 0 1472	<b>Vered lumens: 1570.1, LN</b> - <u>Zone Lumens % Lamp</u> - 0° - 30° 1157.1 73.7 - 0° - 40° 95.1	pf         20%           pc         80%         70%           pw         50% 30% 10%         50% 30% 10%           0         119 119         116 116 116	at 0= 1.04, test no. ISF 30712P234.
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0°-40° 1569.4 100.0 0°-60° 1569.4 100.0 0°-90° 1570.1 100.0 90°-120° 0.0 0.0 90°-130° 0.0 0.0 90°-150° 0.0 0.0 0°-160° 0.0 0.0 0°-180° 1570.1 *100.0 *Efficiency	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	105     103     101     bital FC     78.0°       98     95     93     Inital FC     Center       87     83     79     Height     Beam     Diameter     FC     Diameter     FC       88     77     74     8.0     48.7     5.8     24.3     8.9     4.9       77     268     10.0     26.2     7.9     13.1     12.2     2.6       73     68     64     12.0     16.3     10.0     8.2     15.4     1.6       69     63     60     14.0     11.1     12.1     5.6     18.6     1.1       65     65     53     56     53
<b>14 35/30 LO4AR</b> , i	nput watts: 32.1, deliv	vered lumens: 3122.6, LN	pf 20%	n at 0= 1.04, test no. ISF 30712P249.
	Ave         Lumens           80°         0         2927           5         2989         290           15         3120         875           25         2575         1136           60°         35         1062         667           45         149         148	$\label{eq:constraints} \begin{array}{c c c c c c c c c } \hline & Zone & Lumens & \% & Lamp & \\ \hline & 0^\circ & 30^\circ & 2301.2 & 73.7 & \\ 0^\circ & 40^\circ & 2968.2 & 95.1 & \\ 0^\circ & 60^\circ & 3121.1 & 100.0 & \\ 0^\circ & 90^\circ & 3122.6 & 100.0 & \\ 90^\circ & 120^\circ & 0.0 & 0.0 & \\ 90^\circ & 130^\circ & 0.0 & 0.0 & \\ \hline \end{array}$	pc         80%         70%           pw         50% 30% 10%         50% 30% 10%           0         119 119 119         116 116 116           1         111 108 106         109 107 105           2         103 99 96         102 98 95           3         96 92 88         95 91 87           4         90 85 81         88 84 80           5         85 79 75         84 78 74	50%         50%         30%         10%           50%         30%         10%         50%         50%         beam -         10%         beam -           111         111         111         55.6°         78.0°         98.0°         98.0°         98.0°         98.0°         78.0°         98.0°         98.0°         98.0°         98.0°         96.0°         78.0°         97.0°         90.0°
HHXX	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	90° - 150° 0.0 0.0 90° - 180° 0.0 0.0 0° - 180° 3122.6 *100.0	6 79 73 69 79 73 69 7 75 69 64 74 68 64 8 70 64 60 70 64 60	77         72         68         10.0         52.0         7.9         26.0         12.2         5.2           73         68         64         12.0         32.4         10.0         16.2         15.4         3.2           69         63         60         14.0         32.1         12.1         11.1         18.6         2.2           65         60         56         16.0         16.1         14.2         8.0         21.9         1.6

🚺 LITHONIA LIGHTING

DOWNLIGHTING: One Lithonia Way Conyers, GA 30012 Phone: 800-705-SERV (7378) www.lithonia.com

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Specifications				
Depth (D1):	7"			
Depth (D2):	1.5"			
Height:	9"			
Width:	11.5"			
<b>Weight:</b> (without options)	13.5 lbs			

WDGE LED Family Overvie					
Luminaire	Optics	Standard			
WDGE1 LED	Visual Comfort	4V			
WDGE2 LED	Visual Comfort	10'			
WDGE2 LED	Precision Refractive	10'			
WDGE3 LED	Precision Refractive	15			
WDGF41FD	Precision Refractive				

Series	Packag	
WDGE2 LED	P11	P1SW
	P21	P2SW
	P31	P3SW
	P41	Door with small window (SW) is
	P51	required to accommodate sensor See page 2 for more details.

E4WH	Emergency battery backup, Certified in CA Title 20 MAEDBS	Standalone Se	ensors/Controls (only available with P1SW, P2SW & P3SW)	DDBXD	Dark bronze
E10WH E20WC	(4W, 0°C min) Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, 5°C min) Emergency battery backup, Certified in CA Title 20 MAEDBS (18W - 20°C min)	PIR PIRH	Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching. Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching	DBLXD DNAXD DWHXD DSSXD	Black Natural aluminum White Sandstone
PE⁴ DS⁵	(1897, -20°C finit) Photocell, Button Type Dual switching (comes with 2 drivers and 2 light engines; see page 3 for details)	PIR1FC3V PIRH1FC3V	Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre- programmed for dusk to dawn operation. Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre- programmed for dusk to dawn operation.	DDBTXD DBLBXD DNATXD	Textured dark bronze Textured black Textured natural aluminum
DMG <sup>6</sup> BCE	0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) Bottorn conduit entry for back box (PBBW). Total of 4 entry points.	NLTAIR2 PIR	nsors/Controls (only available with P1SW, P2SW & P3SW) nLightAIR Wireless enabled bi-level motion/ambient sensor for 8–15' mounting heights.	DWHGXD DSSTXD	Textured white Textured sandstone
BAA	Buy America (n) Act Compliant	NLTAIR2 PIRH See page 4 for out o	nLightAIR Wireless enabled bi-level motion/ambient sensor for 15–30' mounting heights. af box functionality		



	Accessories Ordered and shipped separately.
WDGEAWS DDBXD	WDGE 3/8inch Architectural Wall Space
WDGE2PBBW DDBXD U	WDGE2 surface-mounted back box (spe

NO	TES
1	P1-P5 not available with sensors/controls. Sensor with P1SW, P2SW and P3SW.
2	50K not available in 90CRI
3	347V and 480V not available with E4WH, E10W

0	off, v and foot not available with Effort, Effort
4	PE not available in 480V or with sensors/controls
5	DS option not available with E4WH, E10WH, E2
6	DMG option not available with sensors/controls
7	Net such fee DLC Net such her with such

Performance Data									
umen Values are vithin the tolerar	• from photo								
Performance Package	System Watts	Dist. Type	27 Lumens	K					
		νг	1100	ľ					

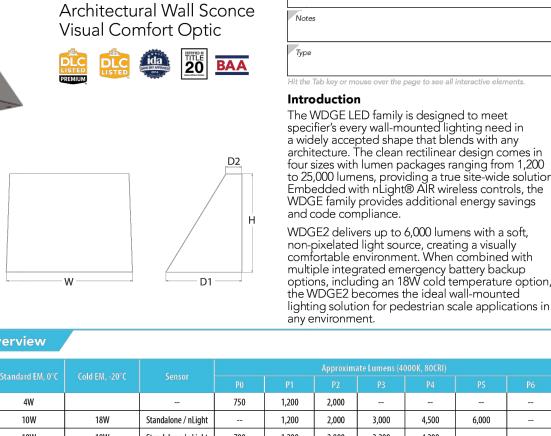
Performance System		Dist Taxa	27	K (2700K	, 80 C	RI)		30	K (3000K	, 80 C	RI)		35K (3500K, 80 CRI)			40	K (4000K,	, 80 C	RI)		50	K (5000K	, 80 C	RI)			
Package		Dist. Type	Lumens		В			Lumens								U	G	Lumens	LPW	В						U	G
P1/P1SW	10W	VF	1,166	119	0	0	0	1,209	123	0	0	0	1,251	128	0	0	0	1,256	128	0	0	0	1,254	128	0	0	0
PT/PTSW	1000	VW	1,197	122	0	0	0	1,241	126	0	0	0	1,284	131	0	0	0	1,289	131	0	0	0	1,286	131	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
PZ / PZ5W	1244	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	P3 / P3SW 23W	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	2378	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
P4	35W	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	32.00	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
P5	48W	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
C'1	40 VV	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 Lo	ad		
P1 / P1SW	10W	0.082	0.049
FT/FISW	13W		
P2 / P2SW	15W	0.132	0.081
PZ / PZ 3W	18W		
P3 / P3SW	23W	0.195	0.114
P3 / P33W	26W		
P4	35W	0.302	0.175
P4	38W		
P5	48W	0.434	0.241
ro	52W		

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

	Lumen Multiplie		
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°F	0.98	

LITHONIA LIGHTING.

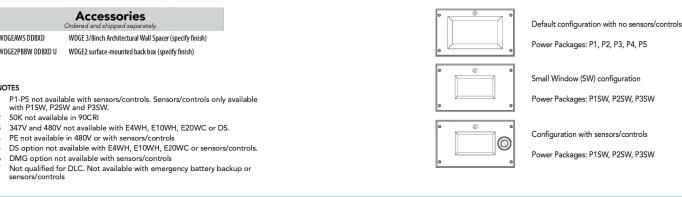




**EXAMPLE:** WDGE2 LED P3 40K 80CRI VF MVOLT SRM DDBXD

Color To	emperature	CRI	Distrik	oution	Voltage	Mount	ing		
27K 30K 35K 40K 50K <sup>2</sup>	2700K 3000K 3500K 4000K 5000K	80CRI 90CRI	VF VW	Visual comfort forward throw Visual comfort wide	MVOLT 347 <sup>3</sup> 480 <sup>3</sup>	<b>Shipp</b> SRM ICW	ed included Surface mounting bracket Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) <sup>7</sup>	<b>Shipp</b> o 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.

One Lithonia Way • Convers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com WDGE2 LED © 2019-2022 Acuity Brands Lighting, Inc. All rights reserved. Rev. 11/21/22



### n accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown ntact factory for performance data on any configurations not shown here.

.043 0.038 0.046 0.033 0.072 0.064 -- 0.056 0.041 0.100 0.088 -- 0.079 0.058 
 -- -- 0.033
 0.033

 0.152
 0.134
 -- -- 

 -- -- 0.115
 0.086
 0.211 0.184 -- --- -- 0.157 0.119

Lumen Multip	lier for 90CRI		Lumen Output in Emergency Mode (4000K, 80 CRI)							
			Wode (4000K, 80 CRI)							
27K	0.845	] .	Option	Dist. Type	Lumens					
30K	0.867		E4WH	VF	646					
35K	0.845			VW	647					
551	0.040									

	Dist. Type	
F 414/11	VF	646
E4WH	VW	647
E10WH	VF	1,658
EIUWH	VW	1,701
E20WC	VF	2,840
	VW	2,913

## Projected LED Lumen Maintenance

0.885

0.898

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.

0 25,000 50,000 100,000 1.0 >0.96 >0.95 >0.91

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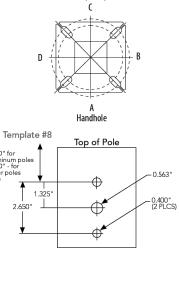
40K

50K

LITHONIA LIGHTING. COMMERCIAL OUTDOOR

WDGE2 LED

Rev. 11/21/22



Hou	use Side S	hield (HS)	7							
on Mounting Slipfitter										
on O.D.	Mounting	Single Unit	2 @ 180	2						

External Glare Shield (EGS)	

Drilling
HANDHOLE ORIENTATION (from top of pole)
C
D A B
Handhole
Template #8 Top of Pole
)" for inpum poles )" - for ir poles (0.563"

				Ň
	Но	use Side S	shield (HS	)
٦	Tenon Mo	ounting S	lipfitter	
٦	Tenon Mc	ounting S	lipfitter Single Unit	2 @ 180
			-	2 @ 180 AS3-5 280
	Tenon O.D.	Mounting	Single Unit	-
	Tenon 0.D. 2-3/8"	Mounting RPA	Single Unit AS3-5 190	AS3-5 280
	Tenon 0.D. 2-3/8" 2-7/8"	Mounting RPA RPA	Single Unit AS3-5 190 AST25-190	AS3-5 280 AST25-280

2-3/8"	RPA	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 390	AS
2-7/8"	RPA	AST25-190	AST25-280	AST25-290	AST25-390	AST
4"	RPA	AST35-190	AST35-280	AST35-290	AST35-390	AST
		_				
				L∎		
Mounting Option	Drilling Template	Single	2 @ 180	2 @ 90	3 @ 90	3
Head Location		Side B	Side B & D	Side B & C	Side B, C & D	Round
Drill Nomenclature	#8	DM19AS	DM28AS	DM29AS	DM39AS	D
			N	linimum Acceptable	Outside Pole Dimer	ision
SPA	#8	3.5"	3.5"	3.5"	3.5"	
RPA	#8	3"	3"	3"	3"	
SPA5	#5	3"	3"	3"	3"	
RPA5	#5	3"	3"	3"	3"	
SPA8N	#8	3"	3"	3"	3"	



Fixture Quantity & Mounting Configuration	Single DM19	2 @ 180 DM28	2 @ 90 DM29	3 @ 90 DM39	3 @
Mounting Type	-=	<b>.</b>	۲.	<b>₽</b> ₹₽	
DSX0 with SPA	0.44	0.88	0.96	1.18	
DSX0 with SPA5, SPA8N	0.51	1.02	1.06	1.26	
DSX0 with RPA, RPA5	0.51	1.02	1.06	1.26	
DSX0 with MA	0.64	1.28	1.24	1.67	

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LITHONIA LIGHTING. COMMERCIAL OUTDOOR

Ordering Information

(this section 70CRI only)

(this section 80CRI only,

extended lead times

30K 3000K

40K 4000K

27K 2700K

35K 3500K

40K 4000K

50K 5000K

30K 3000K

50K 5000K

apply)

DSX0 LED Forward optics

P1 P5

P2 P6

P3 P7

Rotated optics

P101 P121

P11<sup>1</sup> P13<sup>1</sup>

DSX0 LED

Orderin	ng Information		
Or	Accessories dered and shipped separately.	NC 1 2 3	DTES 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 T3LG, T4LG, BLC3, BLC4, LCCO, RCCO not available with option H5.
DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) 22	4	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).
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) 22	6	HVOLT not available with package P1, P2 and P10 when combined with option NLTAIR2 PIRHN or option PIR.
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) 22	7	XVOLT operates with any voltage between 277V and 480V (50/60 Hz). XVOLT not available in packages P1, P2 or P10.
DSHORT SBK	Shorting cap 22	9	SPA5 and RPA5 for use with #5 drilling only (Not for use with #8 drilling).
DSX0HS 20C	House-side shield for P1, P2, P3 and P4 <sup>20</sup>	10	
DSX0HS 30C	House-side shield for P10, P11, P12 and P13 <sup>20</sup>	12	NLTAIR2 PIRHN not available with other controls including PIR, PER, PER5, PER7, FAO, BL30, BL50 and DMG. NLTAIR2
DSX0HS 40C	House-side shield for P5, P6 and P7 20	13	P10 using HVOLT. NLTAIR2 PIRHN not available with P1, P2 and P10 using XVOLT. PIR not available with NLTAIR2, PER, PER5, PER7, FAO BL30, BL50 and DMG. PIR not available with P1, P2 and P10 usir
DSXRPA (FINISH)	Round pole adapter (#8 drilling, specify finish)		P2 and P10 using XVOLT.
DSXRPA5 (FINISH)	Round pole adapter #5 drilling (specify finish)	14	PER/PER5/PER7 not available with NLTAIR2, PIR, BL30, BL50. Photocell ordered and shipped as a separate line item fron accessories. Shorting Cap included.
DSXSPA5 (FINISH)	Square pole adapter #5 drilling (specify finish)	15	
DSXOEGS (FINISH)	External glare shield	16	DMG not available with NLTAIR2 PIRHN, PIR, PER, PER5, PER7, BL30, BL50 and FAO.
			Defense Matin Course Defends Cathers table as some 4 to an functionality

Photo - II. CCL to 1 + 1 - 1 (100, 00770) 22	4	MVOLI driver operates on any line voltage from 120-2/7V (50/60 Hz).
Photocell - SSL twist-lock (120-277V) <sup>22</sup>	5	HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
Photocell - SSL twist-lock (347V) 22	6	HVOLT not available with package P1, P2 and P10 when combined with option NLTAIR2 PIRHN or option PIR.
Photocell - SSL twist-lock (480V) 22	7	XVOLT operates with any voltage between 277V and 480V (50/60 Hz).
	8	XVOLT not available in packages P1, P2 or P10.
Shorting cap 22	9	SPA5 and RPA5 for use with #5 drilling only (Not for use with #8 drilling).
U	10	WBA cannot be combined with Type 5 distributions plus photocell (PER).
House-side shield for P1, P2, P3 and P4 <sup>20</sup>	11	NLTAIR2 and PIRHN must be ordered together. For more information on nLight Air 2.
House-side shield for P10, P11, P12 and P13 <sup>20</sup>	12	NLTAIR2 PIRHN not available with other controls including PIR, PER, PER5, PER7, FAO, BL30, BL50 and DMG. NLTAIR
Harris alde shi dal far Dr. Dr. or d D7 20		P10 using HVOLT. NLTAIR2 PIRHN not available with P1, P2 and P10 using XVOLT.
House-side shield for P5, P6 and P7 20	13	PIR not available with NLTAIR2, PER, PER5, PER7, FAO BL30, BL50 and DMG. PIR not available with P1, P2 and P10 u
Round pole adapter (#8 drilling, specify finish)		P2 and P10 using XVOLT.
	14	PER/PER5/PER7 not available with NLTAIR2, PIR, BL30, BL50. Photocell ordered and shipped as a separate line item fi
Round pole adapter #5 drilling (specify finish)		accessories. Shorting Cap included.
Square pole adapter #5 drilling (specify finish)		FAO not available with other dimming control options NLTAIR2 PIRHN, PIR, PER5, PER7, BL30, BL50, or DMG.
	16	BL30 and BL50 are not available with NLTAIR2 PIRHN, PIR, PER, PER5, PER7, FAO and DMG.
External glare shield	17	DMG not available with NLTAIR2 PIRHN, PIR, PER, PER5, PER7, BL30, BL50 and FAO.
	18	Reference Motion Sensor Default Settings table on page 4 to see functionality.
	19	Reference Controls Options table on page 4

Reference Controls Options table on page 4.
 Option HS not available with T3LG, T4LG, BLC3, BLC4, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
 CCE option not available with option BS and EGS. Contact Technical Support for availability.
 Requires luminaire to be specified with PER, PERS or PER7 option. See Controls Table on page 4.

Control options				Other	
Shipped install NLTAIR2 PIRHN PIR PER PER5	ed nLight AIR gen 2 enabled with bi-level motion / ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc. <sup>11,12,18,19</sup> High/low, motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc. <sup>13,18,19</sup> NEMA twist-lock receptacle only (controls ordered separate) <sup>14</sup> Five-pin receptacle only (controls ordered separate) <sup>14,19</sup>	PER7 FAO BL30 BL50 DMG	Seven-pin receptacle only (controls ordered separate) <sup>14, 19</sup> Field adjustable output <sup>15, 19</sup> Bi-level switched dimming, 30% <sup>16, 19</sup> Bi-level switched dimming, 50% <sup>16, 19</sup> O-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) <sup>17</sup>	HS L90 R90 CCE	bed installed Houseside shield (black finish standard) <sup>20</sup> Left rotated optics <sup>1</sup> Right rotated optics <sup>1</sup> Coastal Construction <sup>21</sup> bed separately External Glare Shield (reversible, field instal required, matches housing finish) Bird Spikes (field install required)

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of over 100,000 hours.

BLC4 Type IV backlight

LCCO Left corner cutoff<sup>3</sup>

RCCO Right corner cutoff<sup>3</sup>

Catalog Number

	d"serie	S		Introduction
Specifica EPA: Length:	0.44 ft <sup>2</sup> (0.04 m <sup>2</sup> ) 26.18 " (66.5 cm)			The modern styling of the I highly refined aesthetic tha with its environment. The D benefits of the latest in LED a high performance, high e luminaire.
Width:	14.06" (35.7 cm)			The photometric performan
Height H1:	2.26" (5.7 cm)	L		with excellent uniformity, gr and lower power density. D
Height H2:	7.46" (18.9 cm)	HÌ	H2	photometry aids in reducin poles required in area light
Weight:	23 lbs (10.4 kg)			typical energy savings of 70 service life of over 100,000

olor Rendering Distribution

70CRI

70CRI

70CRI

80CRI

80CRI

80CRI

80CRI

80CRI

T4M Type IV medium

T4LG Type IV low glare <sup>3</sup>

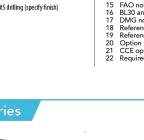
TFTM Forward throw medium















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

to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE family provides additional energy savings 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 FIXTURE TYPE: 'S4', 'S5'

over the page to see all interactive elements.
ion
rn styling of the D-Series features a ned aesthetic that blends seamlessly

vironment. The D-Series offers the f the latest in LED technology into formance, high efficacy, long-life

metric performance results in sites ent uniformity, greater pole spacing power density. D-Series outstanding y aids in reducing the number of ired in area lighting applications, with ergy savings of 70% and expected

EXAMPLE: DSX0 LED P6 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD									
	Distribution				Voltage		Mounti	Mounting	
	AFR T1S T2M T3M	Automotive front row Type I short Type II medium Type III medium	T5M T5LG T5W BLC3	Type V medium Type V low glare Type V wide Type III backlight	MVOLT HVOLT XVOLT	(120V-277V) <sup>4</sup> (347V-480V) <sup>56</sup> (277V-480V) <sup>78</sup>	SPA	ed included Square pole mounting (#8 drilling, 3.5" min. SQ pole)	
	T3LG	Type III low glare <sup>3</sup>	<b>BLCA</b>	control <sup>3</sup>			RPA	Round pole mounting (#8 drilling, 3" min.	

	RND pole)
SPA5	Square pole mounting (#5 drilling. 3" min. SQ pole) <sup>9</sup>
RPA5	Round pole mounting (#5 drilling, 3" min. RND pole) <sup>9</sup>
SPA8N	Square narrow pole mounting (#8 drilling, 3" min. SQ pole)
WBA	Wall bracket 10

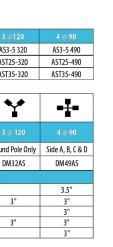
nish (required)					
DBXD	Dark Bronze				
BLXD	Black				
NAXD	Natural Aluminum				
WHXD	White				
DDTVD	Teach and deals because				

DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

DSX0-LED Rev. 11/10/22 Page 1 of 9

t for other possible combinations.

R2 PIRHN not available with P1, P2 and using HVOLT. PIR not available with P1, from Acuity Brands Controls. See

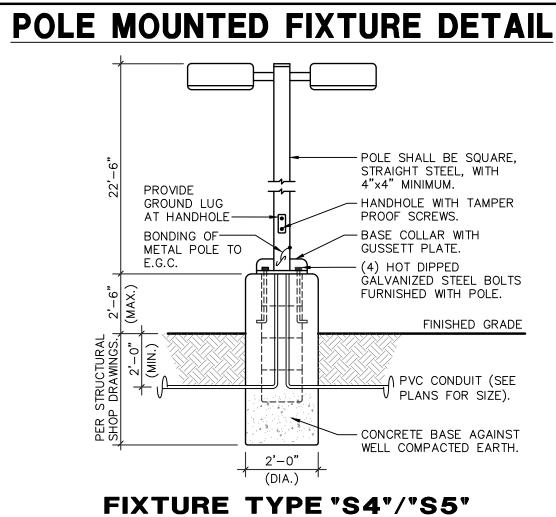




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IECCı	DESIGN 2018	CODES NECI	2017

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

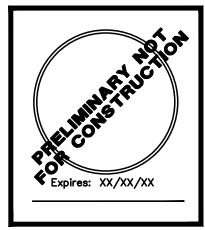


THE POLE CONCRETE BASE DETAIL IS SHOWN FOR ELECTRICAL ROUGH-IN AND SHALL NOT BE USED FOR THE ACTUAL BASE CONSTRUCTION. POLE BASE SHALL BE DESIGNED BY A REGISTERED STRUCTURAL PROFESSIONAL ENGINEER AND CONSTRUCTED PER STRUCTURAL ENGINEERS SEALED CONSTRUCTION DOCUMENT.

NOTE: ELECTRICAL CONTRACTOR SHALL BOND METAL POLE PER NEC 410.30(B)(5) AS SHOWN IN DETAIL.



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PINNACLE PEAK PET RESORT

7474 EAST PINNACLE PEAK ROAD SCOTTSDALE ARIZONA 85255

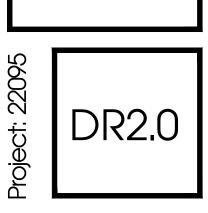
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**RE-ZONING SUBMITTAL** 2/21/2023 2nd RE-ZONING SUBMITTA 7/16/2023

DRAWN BY: CF

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Project Contact/Designer: MINDY ADLER <u> Project # 23059</u> HAWKINS DESIGN GROUP NC. ELECTRICAL CONSULTING ENGINEERS 1140 WEST HARWELL ROAD CILBERT, ARIZONA 85233 PH 480.813.9000 FAX 480.813.9001 EMAL. email@hawkinsdg.com All concepts, designs and data indicated on these drawings are the sole property of the Hawkins Design Group Inc., and shall not be used for any other purpose other than originally intended without written permission of the engineer.

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