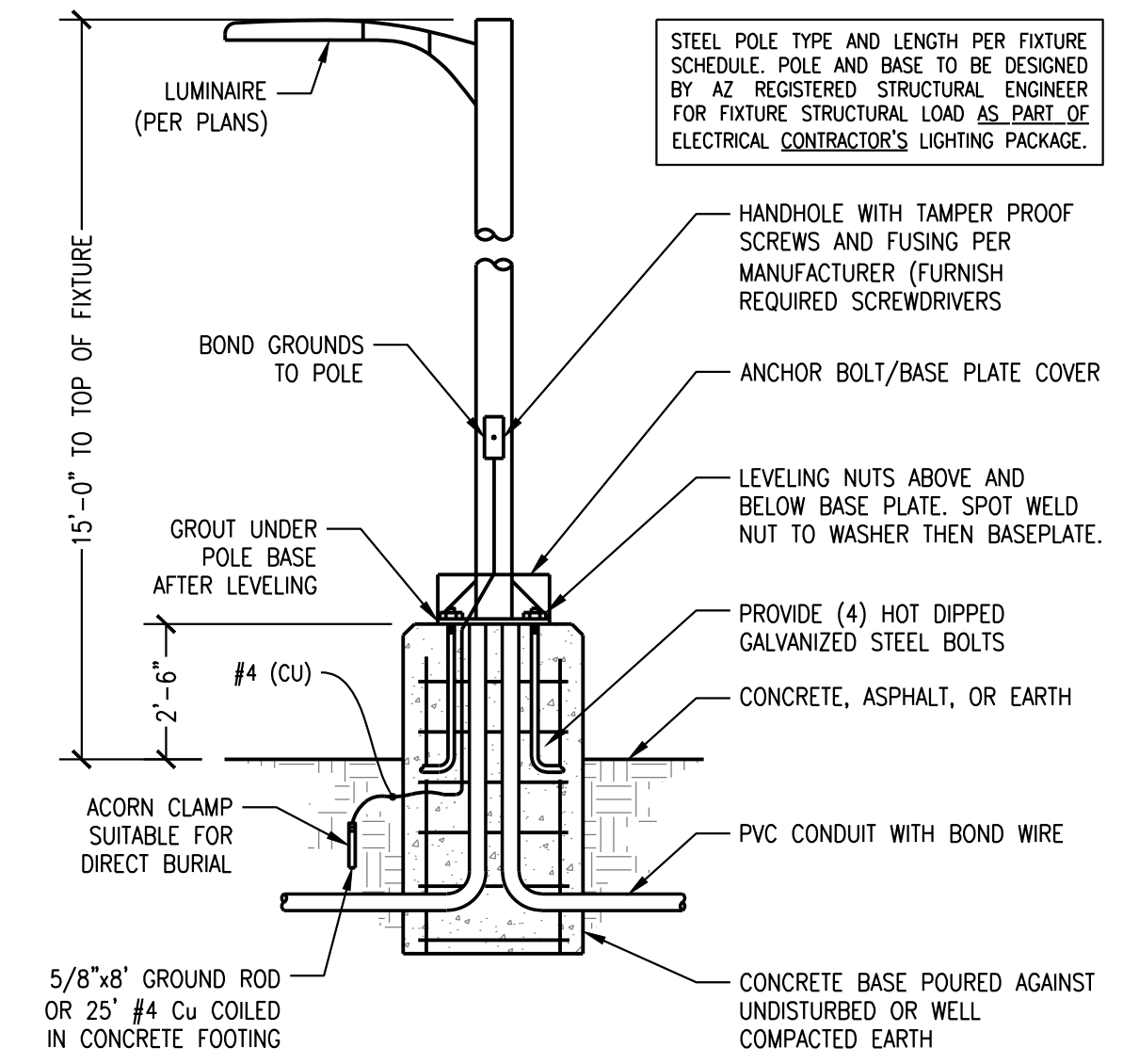
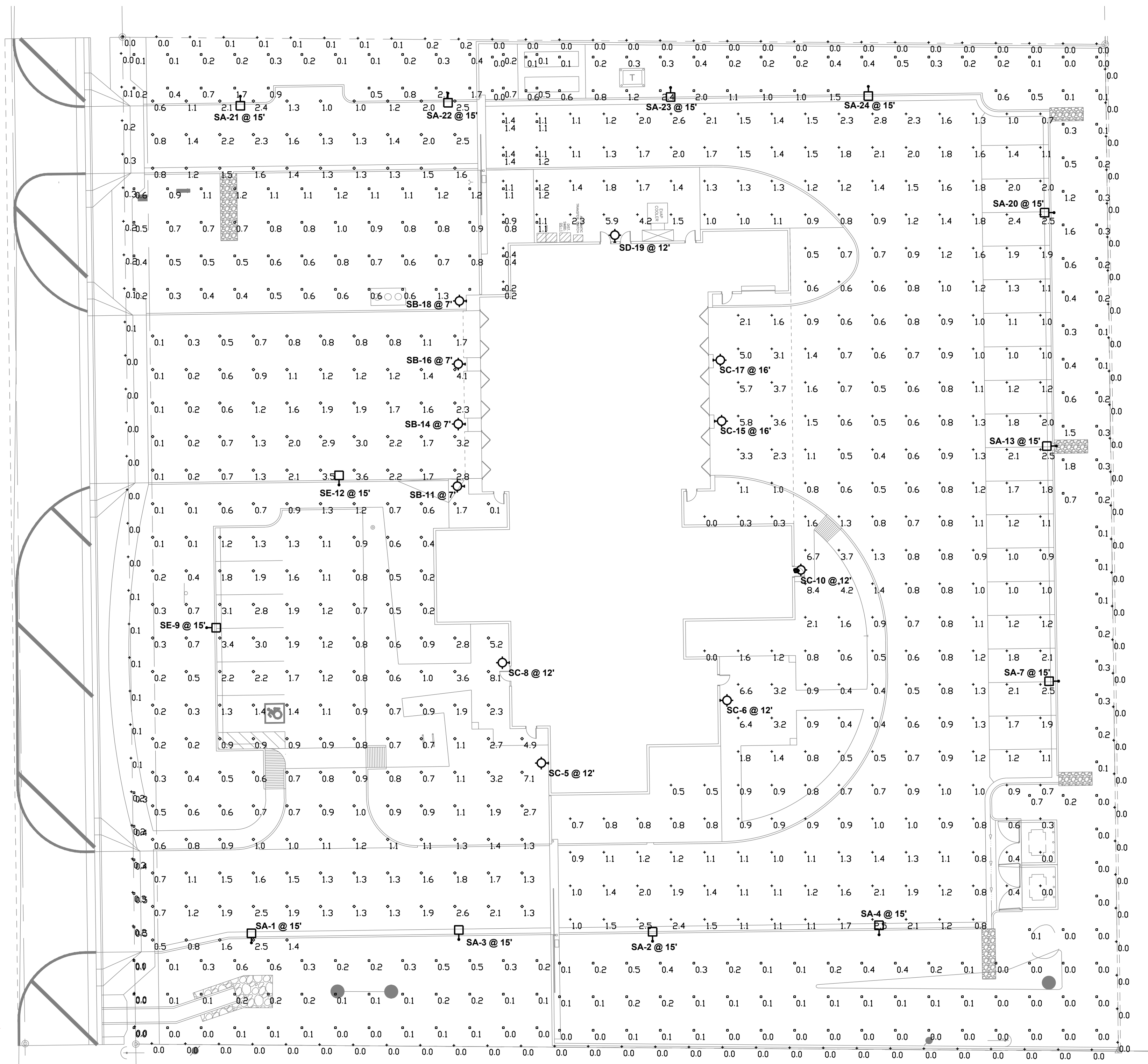


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Rev.	Date	By	Description



TYPICAL POLE BASE DETAIL
SCALE: N.T.S.

No.	Label	Location		MH	Orientation
		X	Y		
18	SB	97.03	221.28	7.00	270.00
16	SB	97.03	202.41	7.00	270.00
14	SB	97.03	184.46	7.00	270.00
11	SB	97.03	166.15	7.00	270.00
8	SC	110.23	113.37	12.00	270.00
5	SC	122.22	83.43	12.00	270.00
10	SC	196.58	140.84	12.00	90.00
6	SC	174.59	102.21	12.00	90.00
19	SD	142.72	239.53	12.00	0.00
9	SE	21.45	123.88	15.00	90.00
12	SE	60.79	166.44	15.00	0.00
21	SA	31.43	282.20	15.00	180.00
22	SA	93.27	283.13	15.00	180.00
23	SA	159.63	284.75	15.00	180.00
24	SA	218.45	285.06	15.00	180.00
13	SA	274.51	177.94	15.00	270.00
7	SA	275.17	107.91	15.00	270.00
20	SA	273.83	247.44	15.00	270.00
4	SA	221.66	32.34	15.00	0.00
2	SA	154.20	30.37	15.00	0.00
1	SA	34.74	30.00	15.00	0.00
3	SA	96.52	31.91	15.00	0.00
17	SC	172.48	203.54	16.00	90.00
15	SC	172.69	185.47	16.00	90.00

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
backhouse - retention	□	0.3 Fc	2.4 Fc	0.0 Fc	N/A	N/A
backhouse-parking	+	1.4 Fc	8.4 Fc	0.0 Fc	N/A	N/A
front-drives	◇	1.3 Fc	8.1 Fc	0.1 Fc	81.01	13.01
front-retention	□	0.5 Fc	2.1 Fc	0.0 Fc	N/A	N/A
Property Line @ 3'-0" AFF	□	0.0 Fc	0.3 Fc	0.0 Fc	N/A	N/A

PHOTOMETRIC PLAN
SCALE: 1" = 20'-0"

Project: **CITY OF MESA FIRE AND MEDICAL STATION NO. 224**
80th St. and Elliot
Owner: **CITY OF MESA**
20 E. MAIN STE 650
Mesa, AZ 85211

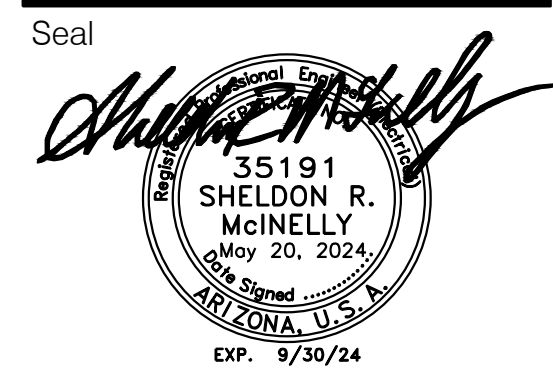
Drawn/Checked: **JD / JR**

Date: **04/15/24**

Project Number: **323012 / COM C10128**

Sheet Number: **PH1**

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Rev.	Date	By	Description

CITY OF MESA FIRE AND MEDICAL STATION NO. 224
 80th St. and Elliot
 CITY OF MESA
 20 E. MAIN STE 650
 Mesa, AZ 85211
 Project
 Owner


Drawn/Checked
JD / JR

Date
04/15/24

Project Number
323012 / COM C10128
 Sheet Number
PHOTOMETRIC DETAILS

PH2

FIXTURE SA



D-Series Size 0 LED Area Luminaire

d-series

Specifications

EPA: 0.44 ft² (0.04 m²)
 Length: 26.18" (663 mm)
 Width: 14.06" (357 mm)
 Height H1: 2.26" (57 mm)
 Height H2: 7.46" (190 mm)
 Weight: 23 lbs (10.4 kg)

Introduction

The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the 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.

Ordering Information **EXAMPLE: DSX0 LED P6 40K 70CRI T3M MVOLT SPA NLTAR2 P1RH DDBXD**

Series	LEDs	Color Temperature	Color Rendering Index	Distribution	Mounting	Voltage	Shipped Included	
DSX0 LED	Forward optics	P1 P5	30K 3000K	70CRI	AFR Automotive front row	MVOLT (120V-277V) ¹⁴	Shipped Included SPA Square pole mounting (8" drilling, 3.5" min. SD pole) RPA Round pole mounting (8" drilling, 3" min. RD pole) SPAS Square pole mounting (5" drilling, 3" min. SD pole) RPAS Round pole mounting (5" drilling, 3" min. RD pole) SPAN Square arm pole mounting (6" drilling, 3" min. SD pole) WPA Wall bracket ¹⁶ MA Mast arm adapter (mounts on 2.38" OD horizontal sensor)	
		P2 P6	40K 4000K	70CRI	T15 Type I short	XVOLT (277V-480V) ¹⁴		
		P3 P7	50K 5000K	70CRI	T3M Type III medium	120 v.n.		
	Retired optics	P10 ¹⁷ P12 ¹⁷	27K 2700K	49CRI	T3LG Type III low glare ¹⁷	240 v.n.		
		P11 ¹⁷ P13 ¹⁷	35K 3500K	80CRI	T4M Type IV medium	347 v.n.		
			40K 4000K	80CRI	T4LG Type IV low glare ¹⁷	480 v.n.		


Control options **Other options** **Finish (optional)**

Control options	Other options	Finish (optional)
Shipped installed NLTAR2 P1RH 8-light 8-ft. gsm. 2 enabled with 8-level motion / ambient sensor, 8.4ft mounting height, ambient sensor enabled at 26" (10.1") ¹⁸ P1R High/low motion/ambient sensor, 8.4ft mounting height, ambient sensor enabled at 26" (10.1") ¹⁸ PER NEMA twist-lock receptacle only (controls ordered separately) ¹⁶ PERS Free-pin receptacle only (controls ordered separately) ¹⁶	PER7 Seven-pin receptacle only (controls ordered separately) ¹⁶ FAO Field adjustable output ^{19, 20} BL30 Bi-level switched dimming, 50% v.v. BL50 Bi-level switched dimming, 50% v.v. DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) ¹⁷	DDBD Dark bronze DBLD Black DNAD Natural Aluminum DWDG White DBRD Textured dark bronze DBLXK Textured black DNATK Textured natural aluminum DWDGW Textured white

Shipped separately

EGAR External Glass Shield (reversible, field install required, matches housing finish)
 BSDB Bird Spikes (field install required)

FIXTURE SB



Skyscraper
WS-W68612

PRODUCT DESCRIPTION

With a subtle influence of Art Deco, Skyscraper makes the old new again with modern materials and ultra-advanced technology. Peerless LEDs inside provide the finest, longest and most energy-efficient illumination possible. And Skyscraper's not just for the Chrysler Building—this prized sconce shines outside hotels, residences and restaurants too.

FEATURES

- 277V option available for special order.
- ACLED driverless technology
- SS Finish features 316 stainless steel hardware; BZ and BK finish features aluminum hardware
- F1-rated acrylic
- Built in color temperature adjustability. Switch from 2700K/3000K/3500K
- 0-10V dimming option available (special order), unit dimensions: 3.4" x 1.2" x 0.5" (model#LDS06SM010AFE-LO1)
- Option to pre-select color temperature or adjust in the field

REPLACEMENT PARTS

RPL-GLA-68612-02 - Inner Glass
 RPL-GLA-68612 - Outer Acrylic Shade

Specifications

Rated Life: 54000 Hours
 Standards: ETL, cETL, Wet Location Listed, IP65, Title 24 JAB: 2019 Compliant, ADA
 Input: 120 VAC, 50/60Hz
 Dimming: ELV
 Mounting: Can be mounted on wall in all orientations
 Color Temp: 2700K, 3500K, 3000K
 CRI: 90
 Construction: Stainless steel body with etched heat bend glass/Aluminum body with etched heat bend glass

Model & Size

Model & Size	Color Temp	Finish	LED Watts	LED Lumens	Delivered Lumens
WS-W68612 12"	2700K	BK Black	12.3W	872	498
		BZ Bronze			
		SS Stainless Steel			
	2700K	BK Black			
		BZ Bronze			
		SS Stainless Steel			
	3500K	BK Black			
		BZ Bronze			
		SS Stainless Steel			
	3000K	BK Black			
		BZ Bronze			
		SS Stainless Steel			

Ordering Information **EXAMPLE: DSX0 LED P6 40K 70CRI T3M MVOLT SPA NLTAR2 P1RH DDBXD**

Series	LEDs	Color Temperature	Color Rendering Index	Distribution	Mounting	Voltage	Shipped Included	
DSX0 LED	Forward optics	P1 P5	30K 3000K	70CRI	AFR Automotive front row	MVOLT (120V-277V) ¹⁴	Shipped Included SPA Square pole mounting (8" drilling, 3.5" min. SD pole) RPA Round pole mounting (8" drilling, 3" min. RD pole) SPAS Square pole mounting (5" drilling, 3" min. SD pole) RPAS Round pole mounting (5" drilling, 3" min. RD pole) SPAN Square arm pole mounting (6" drilling, 3" min. SD pole) WPA Wall bracket ¹⁶ MA Mast arm adapter (mounts on 2.38" OD horizontal sensor)	
		P2 P6	40K 4000K	70CRI	T15 Type I short	XVOLT (277V-480V) ¹⁴		
		P3 P7	50K 5000K	70CRI	T3M Type III medium	120 v.n.		
	Retired optics	P10 ¹⁷ P12 ¹⁷	27K 2700K	49CRI	T3LG Type III low glare ¹⁷	240 v.n.		
		P11 ¹⁷ P13 ¹⁷	35K 3500K	80CRI	T4M Type IV medium	347 v.n.		
			40K 4000K	80CRI	T4LG Type IV low glare ¹⁷	480 v.n.		

Control options **Other options** **Finish (optional)**

Control options	Other options	Finish (optional)
Shipped installed NLTAR2 P1RH 8-light 8-ft. gsm. 2 enabled with 8-level motion / ambient sensor, 8.4ft mounting height, ambient sensor enabled at 26" (10.1") ¹⁸ P1R High/low motion/ambient sensor, 8.4ft mounting height, ambient sensor enabled at 26" (10.1") ¹⁸ PER NEMA twist-lock receptacle only (controls ordered separately) ¹⁶ PERS Free-pin receptacle only (controls ordered separately) ¹⁶	PER7 Seven-pin receptacle only (controls ordered separately) ¹⁶ FAO Field adjustable output ^{19, 20} BL30 Bi-level switched dimming, 50% v.v. BL50 Bi-level switched dimming, 50% v.v. DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) ¹⁷	DDBD Dark bronze DBLD Black DNAD Natural Aluminum DWDG White DBRD Textured dark bronze DBLXK Textured black DNATK Textured natural aluminum DWDGW Textured white


Shipped separately

EGAR External Glass Shield (reversible, field install required, matches housing finish)
 BSDB Bird Spikes (field install required)

Modern Forms

ModernForms.com | Phone: (866) 810-6615 | Fax: (800) 526-2585
 Central Distribution Center: 1600 Distribution Ct, Lithia Springs, GA 30122
 Western Distribution Center: 1900 Archibald Avenue, Ontario, CA 91760

FIXTURE SC



WST LED Architectural Wall Sconce

Specifications

Luminaire

Height: 8-1/2" (21.57 cm)
 Width: 17" (43.18 cm)
 Depth: 10-3/16" (25.9 cm)
 Weight: 20 lbs (9.1 kg)

Introduction

The WST LED is designed with the specifier in mind. The traditional, trapezoidal shape offers a soft, non-polluted light source for end-user visual comfort. For emergency egress lighting, the WST LED offers six battery options, including remote. For additional code compliance and energy savings, there is also a Bi-level motion sensor option. With so many standard and optional features, three lumen packages, and high LPW, the WST LED is your "go to" luminaire for most any application.

Ordering Information **EXAMPLE: WST LED P1 40K VF MVOLT DDBTXD**

WST LED	Performance Package	Color Temperature	Distribution	Voltage	Mounting
WST LED	P1 1,500 Lumen package	27K 2700K	VF Visual comfort forward throw	MVOLT ¹⁴ 277 ¹⁴	Shipped included Blank Surface mounting bracket RBW Recess surface-mounted back box ¹⁶ RBW Recess-mounted back box ¹⁶
	P2 3,000 Lumen package	30K 3000K	VW Visual comfort wide	120 ¹⁴ 347 ¹⁴	
	P3 6,000 Lumen package	40K 4000K		240 ¹⁴ 480 ¹⁴	

Options

Options	Options	Finish (optional)
NEMR2 P1R 48V/60V Wireless enabled motion/ambient sensor for 8'-15' mounting heights ^{14,17}	E7WC Emergency battery backup, CA Title 20 Noncompliant (remote 7W) ¹⁷	DDBD Dark bronze
NEMR2 P1RH 48V/60V Wireless enabled motion/ambient sensor for 15'-30' mounting heights ^{14,17}	E7WHR Remote emergency battery backup, CA Title 20 Noncompliant (remote 7W) ¹⁷	DBLD Black
PE Photoelectric, on, button type ⁸	DNAD Natural aluminum	DWDG White
PER NEMA twist-lock receptacle only (controls ordered separately) ¹⁶	DSXD Sandstone	DDBRD Textured dark bronze
PERS Five-wire receptacle only (controls ordered separately) ¹⁶	E20WC Emergency battery pack, 18W constant power, Certified in CA Title 20 MAEDBS ¹⁷	DBLXK Textured black
P1R Motion/ambient light sensor, 8-15' mounting height ¹⁴	E20WHR Emergency battery pack, 18W constant power, Certified in CA Title 20 MAEDBS ¹⁷	DNATK Textured natural aluminum
P1RH Motion/ambient light sensor, 15-30' mounting height ¹⁴	E23WHR Remote emergency battery backup, CA Title 20 Noncompliant (remote 20W) ^{17,18}	DWDGW Textured white
P1RH1FCV Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 16" ¹⁴	LEE Left side conduit entry ⁹	DSSTD Textured sandstone
SF Single fuse (10, 27, 347V) ¹⁴	RSE Right side conduit entry ⁹	
DF Double fuse (208, 240, 480V) ¹⁴	BAA Bay American/Act Compliant	
DS Dual switching ¹⁴		
DMG 0-10V dimming extend out back of housing for external control (control ordered separately) ¹⁷		
E7WH Emergency battery backup, Non-CEC compliant (7W) ¹⁷		

Shipped separately

RBW Recess back plate¹⁶
 VG Vertical guard¹⁶
 WC Wire guard¹⁶

See Accessories and Notes on next page.

LITHONIA LIGHTING COMMERCIAL OUTDOOR
 One Lithonia Way • Cary, Georgia 30012 • Phone: 800-705-SERV (7378) • www.lithonia.com
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Schedule

Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage
SA	SA	11	Lithonia Lighting	DSX0 LED P2 40K 80CRI T3M HS	D-Series Size 0 Area Luminaire P2 Performance Package 4000K CCT 80 CRI Forward Throw Houseside Shield	1	4860	0.95	4514
SB	SB	4	MODERN FORMS	WS-W68618-SS A010416	WALL MOUNTED	1	772	0.95	18.9
SC	SC	6	Lithonia Lighting	WST LED P2 40K VF MVDLT - VISUAL FORWARD	WST LED, Performance package 2, 4000K, visual comfort forward throw, MVDLT		3469	0.95	25
SD	SD	1	Lithonia Lighting	WST LED P1 40K VV MVDLT	WST LED, Performance package 1, visual comfort wide, MVDLT		1659	0.95	12
SE	SE	2	Lithonia Lighting	DSX0 LED P3 40K 80CRI T3M HS	D-Series Size 0 Area Luminaire P3 Performance Package 4000K CCT 80 CRI Forward Throw Houseside Shield	1	6916	0.95	68.95

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