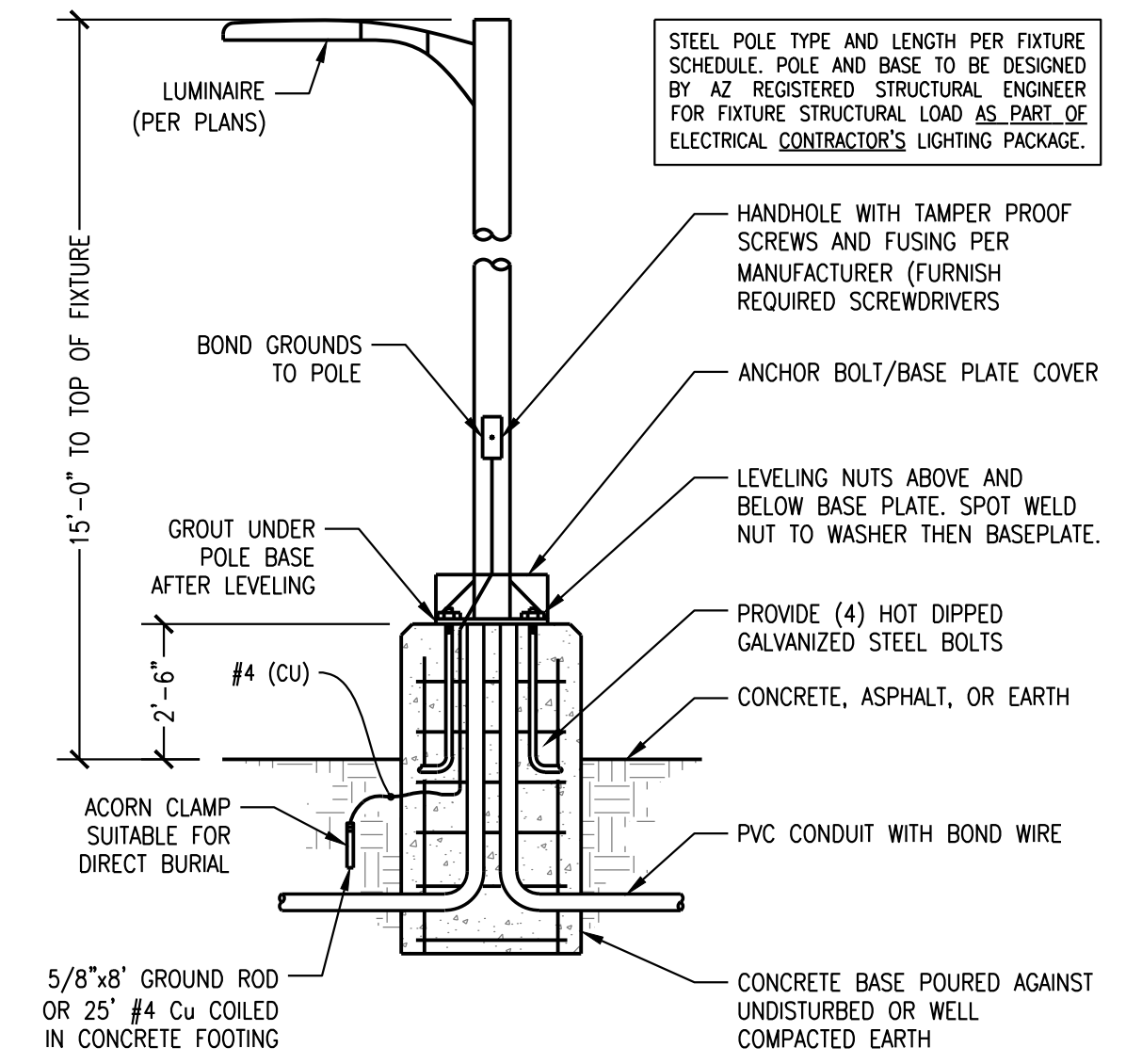
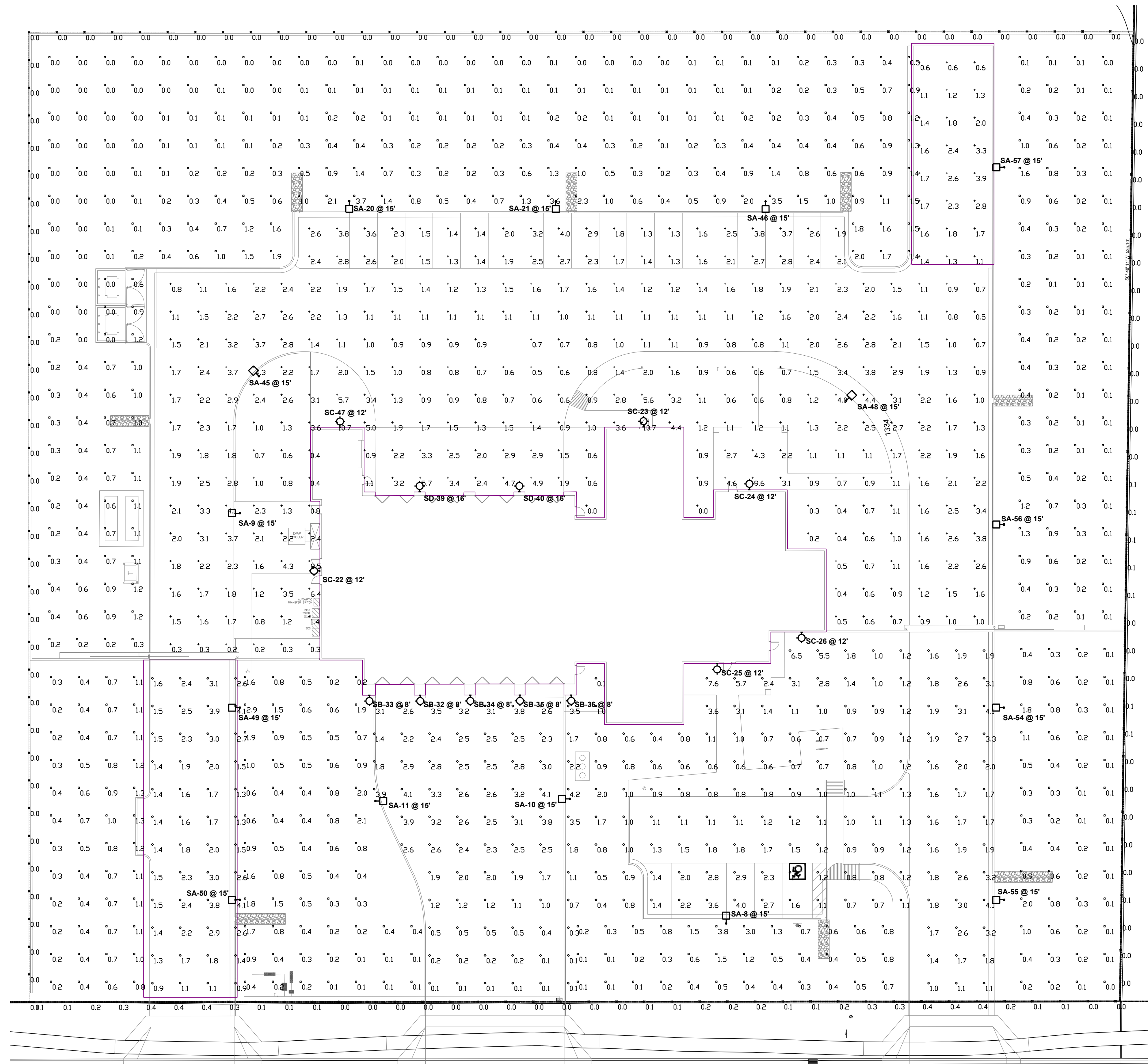


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Rev.	Date	By	Description



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

Luminaire Locations					
No.	Label	X	Y	MH	Orientation
8	SA	251.42	28.44	15.00	0.00
9	SA	75.99	176.44	15.00	270.00
10	SA	195.06	73.41	15.00	270.00
11	SA	124.94	72.59	15.00	90.00
20	SA	115.46	289.00	15.00	180.00
21	SA	189.98	289.00	15.00	180.00
22	SC	104.49	195.47	12.00	270.00
23	SC	221.67	207.91	12.00	0.00
24	SC	259.71	185.73	12.00	0.00
25	SC	248.17	121.61	12.00	180.00
26	SC	278.67	133.03	12.00	180.00
32	SB	140.97	110.08	8.00	180.00
33	SB	128.64	110.08	8.00	180.00
34	SB	159.15	110.08	8.00	180.00
35	SB	176.98	110.08	8.00	180.00
36	SB	195.50	110.08	8.00	180.00
39	SD	140.87	184.58	16.00	0.00
40	SD	176.78	184.58	16.00	0.00
45	SA	82.94	225.86	15.00	315.00
46	SA	265.64	289.00	15.00	180.00
47	SC	112.10	287.91	12.00	0.00
48	SA	294.73	217.02	15.00	45.00
49	SA	75.99	106.29	15.00	270.00
50	SA	75.99	37.00	15.00	270.00
54	SA	351.73	106.29	15.00	270.00
55	SA	351.73	37.00	15.00	270.00
56	SA	351.73	172.40	15.00	270.00
57	SA	351.73	301.28	15.00	270.00

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
BACK OF HOUSE - RETENTION	□	0.4 Fc	3.7 Fc	0.0 Fc	N/A	N/A
BACK OF HOUSE - DRIVE	+	1.9 Fc	18.7 Fc	0.0 Fc	N/A	N/A
FRONT - DRIVES	◇	1.8 Fc	7.6 Fc	0.1 Fc	76.01	18.01
FRONT RETENTION	□	0.6 Fc	3.8 Fc	0.0 Fc	N/A	N/A
Property Line @ 3' AFF	X	0.0 Fc	0.4 Fc	0.0 Fc	N/A	N/A

File=C:\2024\24047 - Mesa Fire Station 223\24047 PH1 PH2.dwg
Date Printed=May 20, 2024 - 2:56:16PM Printed By=William

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

Project: **CITY OF MESA FIRE AND MEDICAL STATION NO. 223**
3310 E. MCDOWELL RD.
City of Mesa
20 E. MAIN STE 650
Mesa, AZ 85211

Drawn/Checked: **JD / JR**

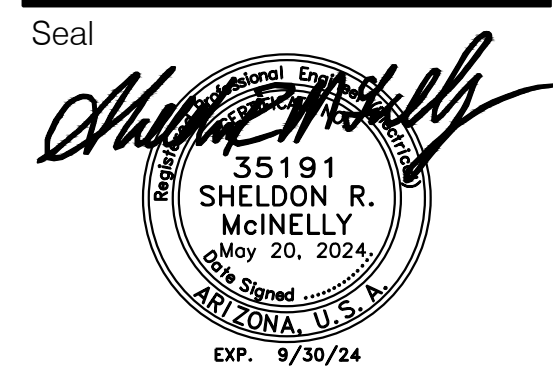
Date: **04/15/24**

Project Number: **323014 / COM C10124**

Sheet Number: **PHOTOMETRIC PLAN**

PH1

AKRIBIS
MECHANICAL • PLUMBING • ELECTRICAL
ENGINEERING, L.L.C.
3231 SOUTH COUNTRY CLUB WAY, STE. 102 TEMPE, ARIZONA 85282
P: (602) 393-0201 F: (602) 393-0202
DRAWN BY: WS CHECKED BY: SM JOB NUMBER: 24047
FOR QUESTIONS PLEASE CALL: WILLIAM SHORRY



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Rev.	Date	By	Description

CITY OF MESA FIRE AND MEDICAL STATION NO. 223
3310 E. MCDOWELL RD.
CITY OF MESA
20 E. MAIN STE 650
Mesa, AZ 85211
 Project Owner

Drawn/Checked **JD / JR**

Date **04/15/24**

Project Number **323014 / COM C10124**
 Sheet Number **PHOTOMETRIC DETAILS**

PH2

FIXTURE SA



D-Series Size 0 LED Area Luminaire

Specifications

EPA: 0.44 ft² (0.04 m²)
 Length: 26.18" (664 mm)
 Width: 14.26" (362 mm)
 Height H1: 2.26" (57 mm)
 Height H2: 7.46" (189 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.

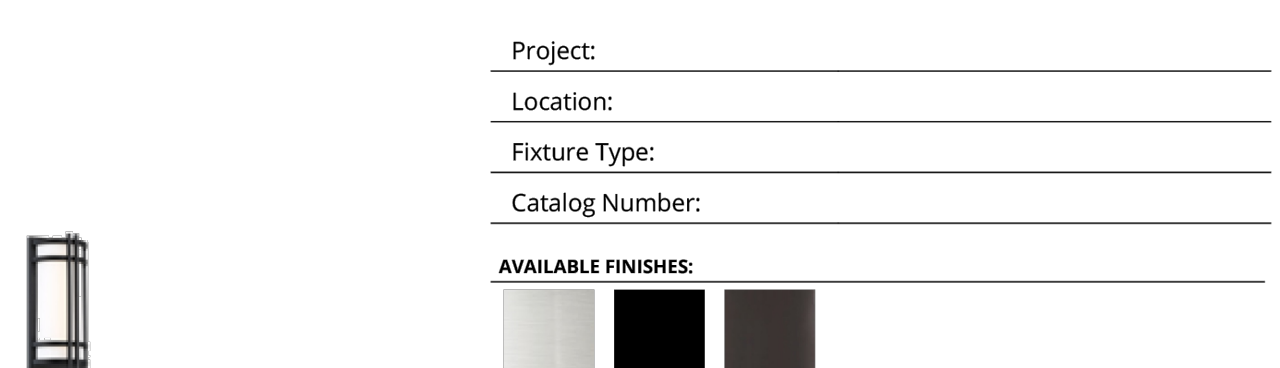
Ordering Information EXAMPLE: DSX0 LED P6 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

Series	LEDs	Color Temperature	Color Rendering Index	Distribution	Automotive Mount	Mounting	Shipped Included
DSX0 LED	P1	30K	3000K	70CRI	AFR Type I low glare	MVOLT (120V-277V)	SPA Square pole mounting (8" drilling, 3.5" min. Sp pole)
	P2	40K	4000K	70CRI	T15 Type I standard	XVOLT (277V-480V)	BPA Round pole mounting (8" drilling, 3" min. RND pole)
	P3	50K	5000K	70CRI	T2M Type II medium	268 mm	SPAS Square pole mounting (8" drilling, 3" min. RND pole)
	P4	50K	5000K	70CRI	T3M Type III medium	268 mm	SPAS Square pole mounting (8" drilling, 3" min. RND pole)
Retained optics	P10 ¹	27K	2700K	80CRI	T3LG Type III low glare ¹	277 mm	SPAS Square pole mounting (8" drilling, 3" min. RND pole)
	P11 ¹	30K	3000K	80CRI	T4LG Type IV low glare ¹	347 mm	SPAS Square pole mounting (8" drilling, 3" min. RND pole)
	P12 ¹	35K	3500K	80CRI	T4LC Type IV low glare ¹	347 mm	SPAS Square pole mounting (8" drilling, 3" min. RND pole)
	P13 ¹	40K	4000K	80CRI	T4FM Forward throw medium	480 mm	SPAS Square pole mounting (8" drilling, 3" min. RND pole)

Control options	Shipped installed	Other options	Finish/review
Shipped installed NLTAIR2 PIRHN nLight AIR gen 2 enabled with Bi-level motion/ambient sensor (controls ordered separately) ¹⁰ FAO Field adjustable output ¹¹ BL30 Bi-level switched dimming 30% ¹² PIR High flow motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 26" ¹³ PIR High flow motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 26" ¹³ PER NEMA twist-lock receptacle only (controls ordered separately) ⁹ PERS Five-pin receptacle only (controls ordered separately) ⁹	PER7 Seven-pin receptacle only (controls ordered separately) ⁹ FAO Field adjustable output ¹¹ BL30 Bi-level switched dimming 30% ¹² BL50 Bi-level switched dimming 50% ¹² DMG 0-10v dimming wires pulled outside fixture for use with an external control (controls ordered separately) ¹⁰	HS Hoods/shield (black finish standard) ¹⁴ LEO Left nested optics ¹ R90 Right nested optics ¹ CCE Coastal Construction ¹⁵ HA 50% ambient operation ¹⁶ BAA Bay America's Act Compliant SF Single face (120, 277, 347V) ¹⁷ DF Double face (208, 240, 480V) ¹⁷	DDBXD Dark Bronze DBLXD Black DNAXD Natural Aluminum DWHXD White DBRDX Textured dark bronze DBLBD Textured dark bronze DNAXD Textured natural aluminum DWHXD Textured white

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FIXTURE SB



Project:
Location:
Fixture Type:
Catalog Number:

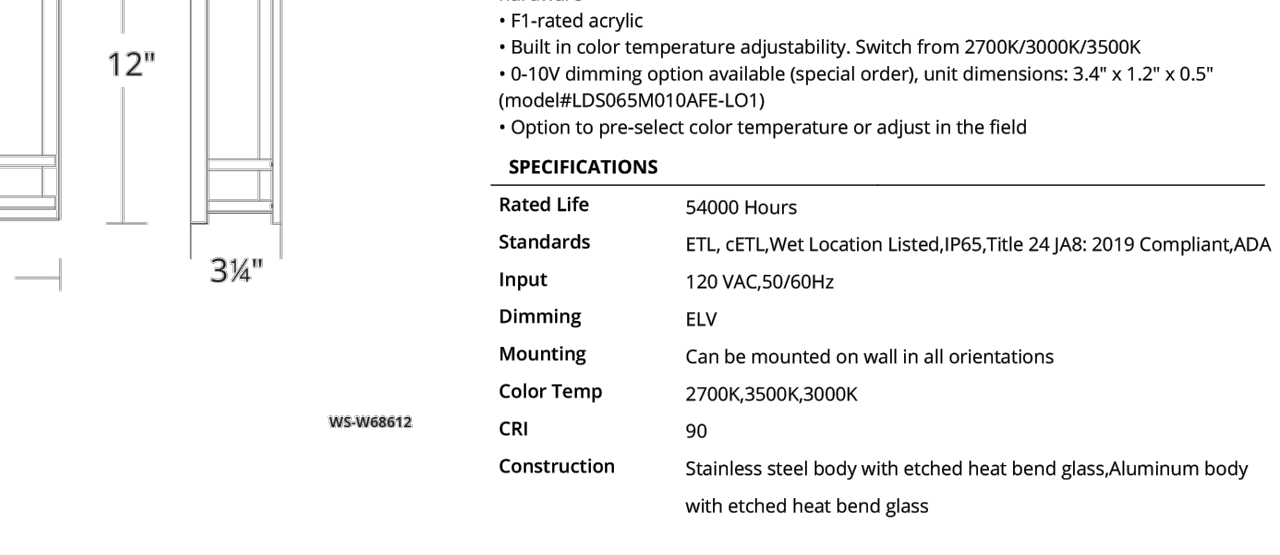
AVAILABLE FINISHES:

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#LDS065M01DAFE-L01)
- Option to pre-select color temperature or adjust in the field

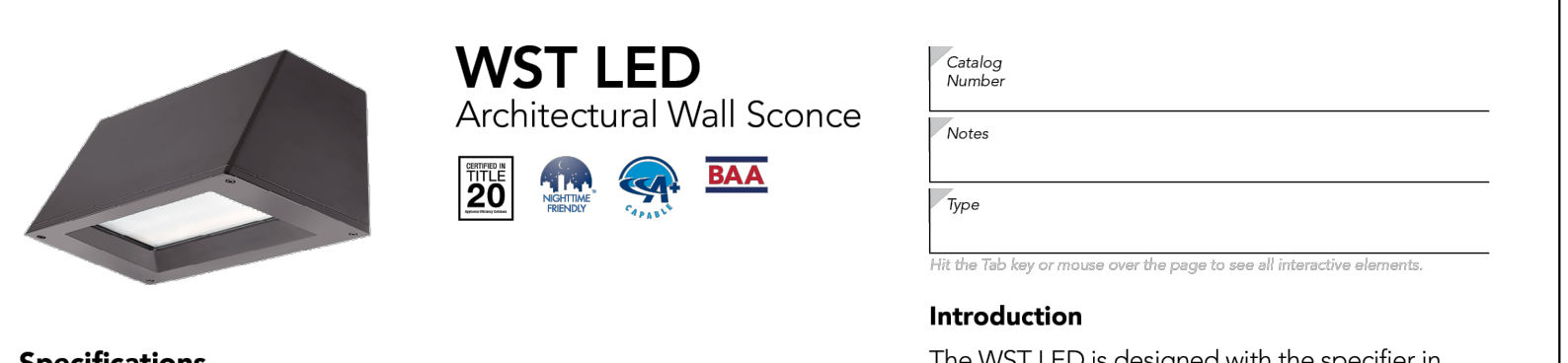


REPLACEMENT PARTS
 RPL-GLA-68612-02 - Inner Glass
 RPL-GLA-68612 - Outer Acrylic Shade

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

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: 1750 Archibald Avenue, Ontario, CA 91760

FIXTURE SC



WST LED Architectural Wall Sconce

Specifications

Luminaire

Height: 8-1/2" (21.59 cm)
 Width: 17" (43.18 cm)
 Depth: 10-3/16" (25.7 mm)
 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-pixelated 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 DDBTDX

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
WST LED	P1	27K	Visual comfort forward throw	MVOLT ¹	27P ²
	P2	30K	Visual comfort wide	20P ³	34P ³
	P3	40K	Visual comfort wide	20P ³	48P ³

Options	Finish/review
NLTAIR2 PIR nLight AIR Wireless enabled motion/ambient sensor for 8-15' mounting heights ¹⁰ NLTAIR2 PIRN nLight AIR Wireless enabled motion/ambient sensor for 15-30' mounting heights ¹⁰ PE Photoelectric on button type ⁴ PER NEMA twist-lock receptacle only (controls ordered separately) ⁹ PERS Five-wire receptacle only (controls ordered separately) ⁹ PER7 Seven-wire receptacle only (controls ordered separately) ⁹ PIR Motion/Ambient Light Sensor, 8-15' mounting height ¹⁰ PIRECV Motion/Ambient sensor, 8-15' mounting height, ambient sensor enabled at 16" ¹³ PIRH 180° motion/ambient light sensor, 15-30' mounting height ¹⁰ PIRHFCV Motion/Ambient sensor, 15-30' mounting height, ambient sensor enabled at 16" ¹³ SF Single face (120, 277, 347V) ¹⁷ DF Double face (208, 240, 480V) ¹⁷ DMG 0-10V dimming extend out back of housing for external control (control ordered separately) ¹⁰ EWBH Emergency battery backup, Non CEC compliant (N/A) ¹¹	DDBXD Dark Bronze DBLXD Black DNAXD Natural Aluminum DWHXD White DBRDX Textured dark bronze DBLBD Textured dark bronze DNAXD Textured natural aluminum DWHXD Textured white

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Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage
□	SA	15	Lithonia Lighting	DSX0 LED P3 40K 70CRI TFM	D-Series Size 0 Area Luminaire P3 Performance Package 4000K CCT 70 Forward Throw	1	8988	0.95	68.95
○	SB	5	MODERN FORMS	WS-W68618-SS A010416	WALL MOUNTED	1	772	0.95	18.9
▷	SC	6	Lithonia Lighting	WST LED P2 40K VF MVOLT - VISUAL FORWARD	WST LED, Performance package 2, 4000K, visual comfort forward throw, MVOLT	2	3469	0.95	25
▷	SD	2	Lithonia Lighting	WST LED P2 40K VF MVOLT - VISUAL WIDE	WST LED, Performance package 2, 4000K, visual comfort forward throw, MVOLT	2	3469	0.95	25