

SXPJ LED

Explosionproof LED Area Lighting

- Class I, Division 1, Group C & D
- Class II, Division 1, Groups E, F & G
- Class III
- Class I, Zone 1, Groups IIA & IIB
- Factory Sealed
- Paint Spray Booth (up to 40° C)
- NEMA 4X
- IP66

- UL 844 Hazardous Locations

- UL 1598A Marine Outside Type

- UL 1598 Wet Locations

- UL 8750 LED Safety

- CUL

- Tested to LM79 & LM80

- **IECEX**

Ex db IIB T6 Gb

Ex tb IIIC T76°C Db

-20°C ≤ Ta ≤ 55°C, IP66

Certificate: IECEX ETL 17.0022X

- **ATEX**

⊕ Ex II 2 G D

Ex db IIB T6 Gb

Ex tb IIIC T76°C Db

-20°C ≤ Ta ≤ 55°C, IP66

Certificate: DEMKO 17 ATEX 1698X



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Key Features:

- 1 Single-pin quick disconnect mount with double acme thread
- 2 Component access via single set screw
- 3 Field replaceable LED circuit boards and drivers with quick disconnects
- 4 Wireless electromechanical terminal block



Additional Features:

- Standard, angle and high-bay reflector options
- Pendant, ceiling, wall, stanchion, and trunnion mounting options
- Optional stainless steel guard
- Standard surge protection: 10kV
- 5-year warranty

Standard Materials:

- Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gaskets: One-piece silicone
- Lens: Borosilicate glass
- Hardware: Stainless Steel

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Catalog Number Logic

SXPJ 11-L2-U-GG-P-XX

1

2

3

4

5

6

7

1 BASIC LUMINAIRE

SXPJ = N. American Standards
EXSXPJ = IEC, ATEX Standards

2 LAMP CURRENT/LAMP WATTAGE

06 = 50 Watt
09 = 70 Watt
11 = 96 Watt

3 LAMP TYPE

L2 = LED

4 BALLAST VOLTAGE

U = 120 thru 277V 50/60HZ

5 GLOBE & GUARD

GG = Globe and Guard
G = Globe only

6 MOUNTING STYLE

P = 3/4" Pendant Mount
P1 = 1" Pendant Mount
C = 3/4" Ceiling Mount
C1 = 1" Ceiling Mount
W = 3/4" Wall Mount
W1 = 1" Wall Mount
S = 1-1/4" Stanchion Mount⁴
S1 = 1-1/2" Stanchion Mount⁴
T = Trunnion Mount^{4,5}

7 OPTIONS¹

FB1 = Single Fuse Block ^{2 3}
FB2 = Double Fuse Block ^{2 3}
SC = Safety Cable (Eye Bolt Included)
EB = Eye Bolt Only

¹ Consult factory for pricing.

² Not available with universal driver unless incoming voltage is specified. When installed, one fuse block is provided for 120 & 277V and two fuse blocks are provided for 208 & 240V. Fuse not included.

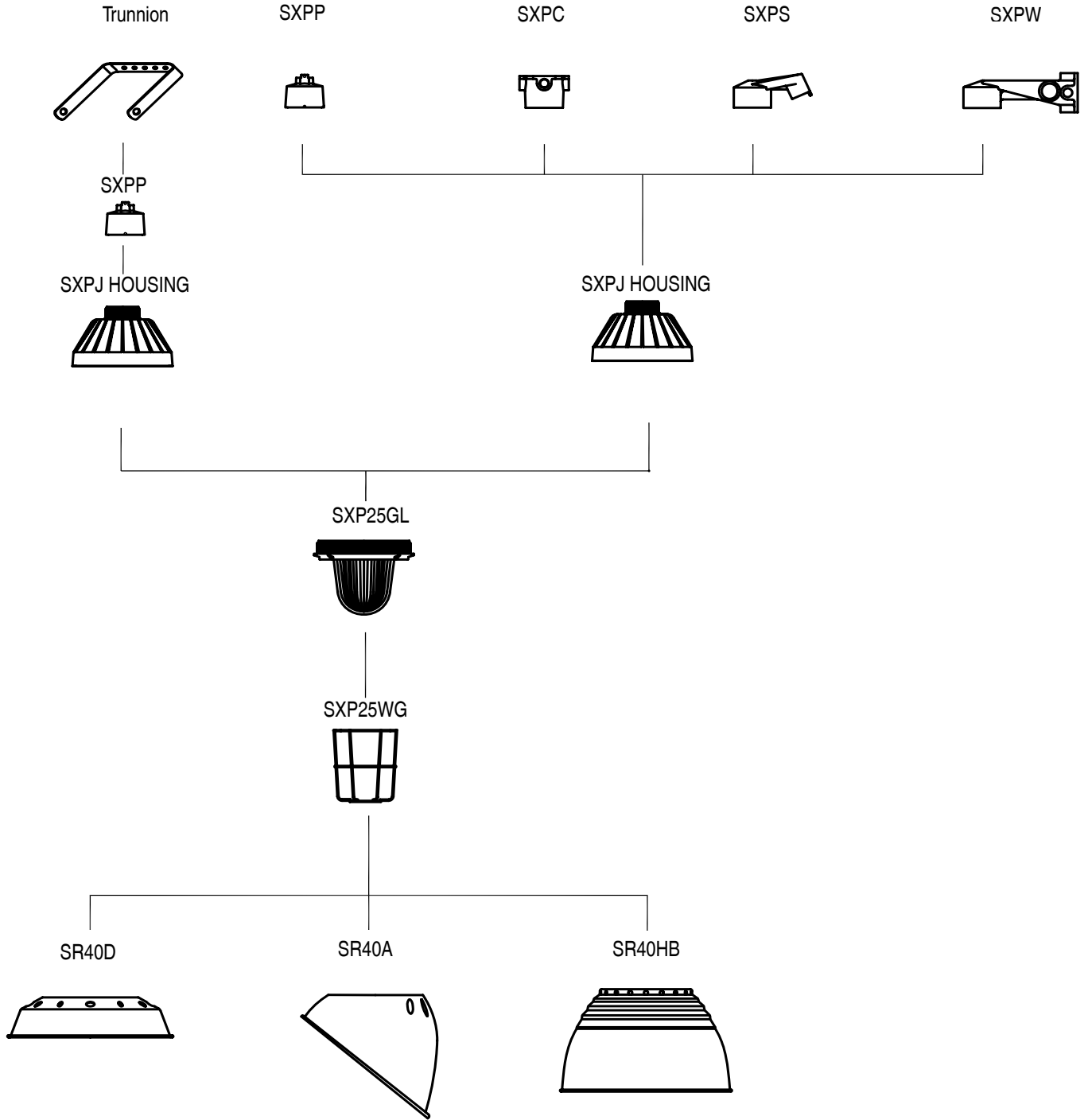
³ Fuse option not available for marine listed fixtures.

⁴ Not paint spray booth approved

⁵ Not listed for Class II, Division 1






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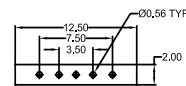
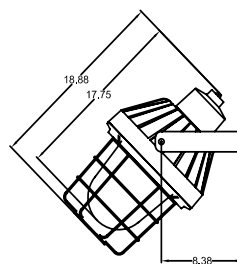
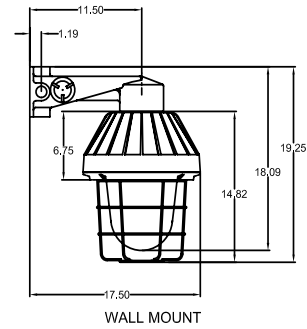
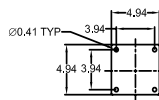
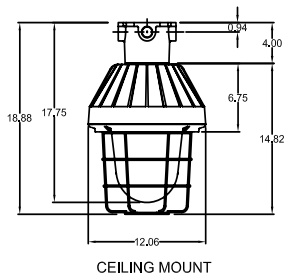
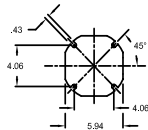
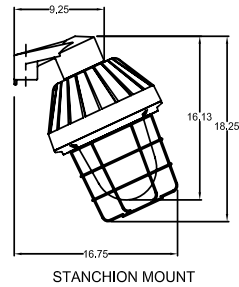
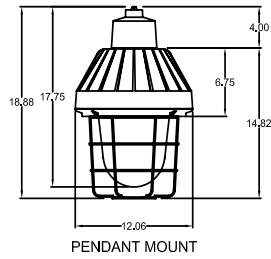
Explosionproof LED Area Lighting

Mounting Style	Lamp Watts	Conduit Size (In.)	Catalog Number 120-277V 50/60HZ	Shipping Weight (Lbs)
PENDANT 	50	3/4	SXPJ06-L2-U-GG-P	41.6
	50	1	SXPJ06-L2-U-GG-P1	41.6
	70	3/4	SXPJ09-L2-U-GG-P	41.6
	70	1	SXPJ09-L2-U-GG-P1	41.6
	96	3/4	SXPJ11-L2-U-GG-P	41.6
	96	1	SXPJ11-L2-U-GG-P	41.6
CEILING 	50	3/4	SXPJ06-L2-U-GG-C	43.6
	50	1	SXPJ06-L2-U-GG-C1	43.6
	70	3/4	SXPJ09-L2-U-GG-C	43.6
	70	1	SXPJ09-L2-U-GG-C1	43.6
	96	3/4	SXPJ11-L2-U-GG-C	43.6
	96	1	SXPJ11-L2-U-GG-C1	43.6
WALL 	50	3/4	SXPJ06-L2-U-GG-W	45.7
	50	1	SXPJ06-L2-U-GG-W1	45.7
	70	3/4	SXPJ09-L2-U-GG-W	45.7
	70	1	SXPJ09-L2-U-GG-W1	45.7
	96	3/4	SXPJ11-L2-U-GG-W	45.7
	96	1	SXPJ11-L2-U-GG-W1	45.7
STANCHION 	50	1-1/4	SXPJ06-L2-U-GG-S	42.7
	50	1-1/2	SXPJ06-L2-U-GG-S1	42.7
	70	1-1/4	SXPJ09-L2-U-GG-S	42.7
	70	1-1/2	SXPJ09-L2-U-GG-S1	42.7
	96	1-1/4	SXPJ11-L2-U-GG-S	42.7
	96	1-1/2	SXPJ11-L2-U-GG-S1	42.7
TRUNNION 	50	3/4	SXPJ06-L2-U-GG-T	43.6
	70	3/4	SXPJ09-L2-U-GG-T	43.6
	96	3/4	SXPJ11-L2-U-GG-T	43.6

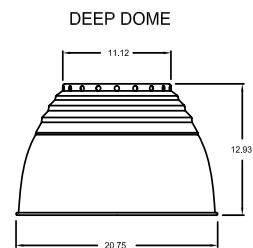
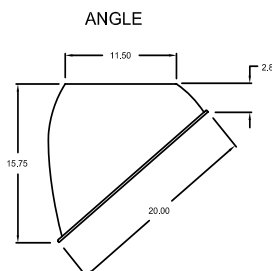
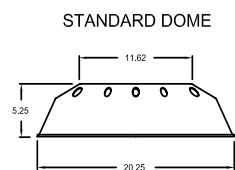
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Explosionproof LED Area Lighting

SXPJ LED Fixture Dimensions (inches)



REFLECTORS



LED SXPJ

Explosionproof LED Area Lighting

SXPJ09L2UGXX Certification Guide

Model	Mount	Wattage	Operating Voltage	Total Lumens	Lumens per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 2, Group A, B, C & D	Class II, Div. 1, Group E, F & G Class III	Simultaneous Presence	ATEX/IECEx Listed	Supply Wire Suitable Temperature, °C	Hub Size	Shipping* Weight (Lbs.)
SXPJ09L2UGP	Pendant	70W	120V - 277V 50/60 Hz	6313	97	72	4800	-20°C < Tamb < 55°C	T6	T6	T6	No	90°C	3/4 in. NPT	41.6
SXPJ09L2UGP1														1 in. NPT	
SXPJ09L2UGC	Ceiling	70W	120V - 277V 50/60 Hz	6313	97	72	4800	-20°C < Tamb < 55°C	T6	T6	T6	No	90°C	3/4 in. NPT	43.5
SXPJ09L2UGC1														1 in. NPT	
SXPJ09L2UGW	Wall	70W	120V - 277V 50/60 Hz	6313	97	72	4800	-20°C < Tamb < 55°C	T6	T6	T6	No	90°C	3/4 in. NPT	45.7
SXPJ09L2UGW1														1 in. NPT	
SXPJ09L2UGS	Stanchion	70W	120V - 277V 50/60 Hz	6313	97	72	4800	-20°C < Tamb < 55°C	T6	T6	T6	No	90°C	1/4 in. NPT	42.7
SXPJ09L2UGS1														1-1/2 in. NPT	
SXPJ09L2UGT	Trunnion	70W	120V - 277V 50/60 Hz	6313	97	72	4800	-20°C < Tamb < 55°C	T6	T6	T6	No	90°C	3/4 in. NPT	43.6
EXSXPJ09L2UGP1	Pendant	70W	120V - 277V 50/60 Hz	6313	97	72	4800	-20°C < Tamb < 55°C	—	—	—	Yes	90°C	1 in. NPT	41.6
EXSXPJ09L2UGC1	Ceiling	70W	120V - 277V 50/60 Hz	6313	97	72	4800	-20°C < Tamb < 55°C	—	—	—	Yes	90°C	1 in. NPT	43.5
EXSXPJ09L2UGW1	Wall	70W	120V - 277V 50/60 Hz	6313	97	72	4800	-20°C < Tamb < 55°C	—	—	—	Yes	90°C	1 in. NPT	45.7
EXSXPJ09L2UGS1	Stanchion	70W	120V - 277V 50/60 Hz	6313	97	72	4800	-20°C < Tamb < 55°C	—	—	—	Yes	90°C	1-1/2 in. NPT	42.7
EXSXPJ09L2UGT	Trunnion	70W	120V - 277V 50/60 Hz	6313	97	72	4800	-20°C < Tamb < 55°C	—	—	—	Yes	90°C	1 in. NPT	43.6

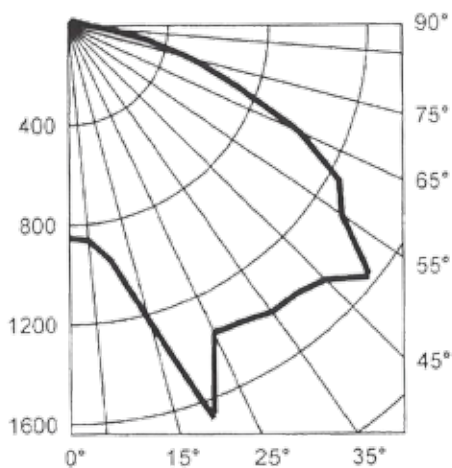
Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80				70				50				30				10				0
	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10	0
% Wall Reflectance rw	Effective Floor Cavity Reflectance 20%																				
Room Cavity Ratio RCR																					
0	118	118	118	118	115	115	115	109	109	109	104	104	99	99	99	97					
1	106	101	96	92	103	98	94	90	93	90	86	89	86	83	85	82	80	78			
2	95	86	79	72	92	84	76	71	80	74	69	76	71	67	72	68	65	62			
3	86	74	65	58	83	72	65	57	69	62	56	65	59	54	62	57	53	50			
4	78	65	55	48	75	63	55	47	60	52	46	57	50	45	55	49	44	41			
5	71	57	47	42	68	55	47	39	53	45	39	50	43	38	48	42	37	35			
6	65	50	41	34	63	49	41	34	47	39	33	45	38	32	43	37	32	29			
7	60	45	36	29	58	44	36	29	42	34	28	40	33	28	39	32	27	25			
8	55	41	32	25	53	40	32	25	38	30	25	37	30	24	35	29	24	22			
9	51	37	28	22	50	36	28	22	35	27	22	33	27	22	32	26	21	19			
10	48	34	25	20	46	33	26	20	32	25	19	31	24	19	30	23	19	17			

Candlepower Distribution

Deg.	Norm
0	852
5	864
10	955
15	1228
20	1679
25	1361
30	1374
35	1405
40	1406
45	1445
50	1571
55	1332
60	1246
65	1015
70	722
75	505
80	317
85	168
90	87
95	51
100	41
105	38
110	37
115	36
120	34
125	32
130	30
135	27
140	25
145	23
150	22
155	21
160	20
165	20
170	20
175	0
180	0

Photometric Data



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SXPJ11L2UGXX Certification Guide

Model	Mount	Wattage	Operating Voltage	Total Lumens	Lumens per Watt	CRI	CCT	Ambient Temperature	Class I, Div. 2, Group A, B, C & D	Class II, Div. 1, Group E, F & G Class III	Simultaneous Presence	ATEX/IECEX Listed	Supply Wire Suitable Temperature, °C	Hub Size	Shipping* Weight (Lbs.)
SXPJ11L2UGP	Pendant	96W	120V - 277V 50/60 Hz	8829	94	73	4863	-20°C < Tamb < 55°C	T6	T6	T6	No	90°C	3/4 in. NPT	41.6
SXPJ11L2UGP1														1 in. NPT	
SXPJ11L2UGC	Ceiling	96W	120V - 277V 50/60 Hz	8829	94	73	4863	-20°C < Tamb < 55°C	T6	T6	T6	No	90°C	3/4 in. NPT	43.5
SXPJ11L2UGC1														1 in. NPT	
SXPJ11L2UGW	Wall	96W	120V - 277V 50/60 Hz	8829	94	73	4863	-20°C < Tamb < 55°C	T6	T6	T6	No	90°C	3/4 in. NPT	45.7
SXPJ11L2UGW1														1 in. NPT	
SXPJ11L2UGS	Stanchion	96W	120V - 277V 50/60 Hz	8829	94	73	4863	-20°C < Tamb < 55°C	T6	T6	T6	No	90°C	1/14 in. NPT	42.7
SXPJ11L2UGS1														1-1/2 in. NPT	
SXPJ11L2UGT	Trunnion	96W	120V - 277V 50/60 Hz	8829	94	73	4863	-20°C < Tamb < 55°C	T6	T6	T6	No	90°C	3/4 in. NPT	43.6
EXSXPJ11L2UGPI	Pendant	96W	120V - 277V 50/60 Hz	8829	94	73	4863	-20°C < Tamb < 55°C	—	—	—	Yes	90°C	1 in. NPT	41.6
EXSXPJ11L2UGCI	Ceiling	96W	120V - 277V 50/60 Hz	8829	94	73	4863	-20°C < Tamb < 55°C	—	—	—	Yes	90°C	1 in. NPT	43.5
EXSXPJ11L2UGWI	Wall	96W	120V - 277V 50/60 Hz	8829	94	73	4863	-20°C < Tamb < 55°C	—	—	—	Yes	90°C	1 in. NPT	45.7
EXSXPJ11L2UGSI	Stanchion	96W	120V - 277V 50/60 Hz	8829	94	73	4863	-20°C < Tamb < 55°C	—	—	—	Yes	90°C	1-1/2 in. NPT	42.7
EXSXPJ11L2UGT	Trunnion	96W	120V - 277V 50/60 Hz	8829	94	73	4863	-20°C < Tamb < 55°C	—	—	—	Yes	90°C	1 in. NPT	43.6

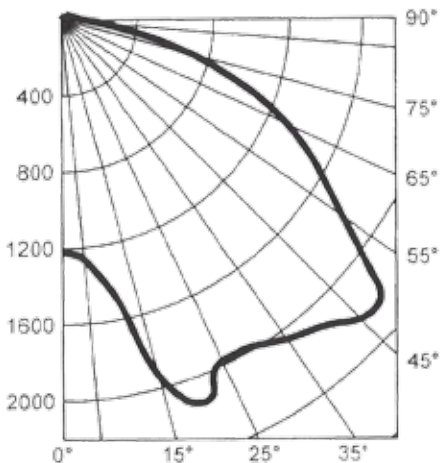
Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80				70				50				30				10				0
	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10	0
% Wall Reflectance rw	Effective Floor Cavity Reflectance 20%																				
Room Cavity Ratio RCR																					
0	118	118	118	118	115	115	115	115	109	109	109	109	104	104	104	104	99	99	99	99	97
1	107	101	96	92	103	99	94	90	94	90	87	89	85	84	85	84	85	83	80	80	78
2	96	87	79	73	93	84	76	72	80	74	69	76	72	67	73	69	65	65	63	63	63
3	86	75	66	59	84	73	65	58	69	62	57	66	60	55	63	58	54	54	51	51	51
4	78	65	56	48	76	64	55	48	61	53	47	58	51	46	55	50	45	45	42	42	42
5	71	58	48	41	69	56	47	40	54	46	39	51	44	39	49	43	38	38	35	35	35
6	65	51	41	35	63	50	41	34	48	40	34	46	39	33	44	37	32	32	30	30	30
7	60	46	36	30	58	45	36	30	43	35	29	41	34	29	39	33	28	28	26	26	26
8	56	41	32	26	54	40	32	25	39	31	25	37	30	25	36	29	25	25	23	23	23
9	52	38	29	23	50	37	28	23	53	28	22	34	27	22	33	26	22	22	20	20	20
10	48	34	26	20	47	34	26	20	32	25	20	31	25	20	30	24	20	20	18	18	18

Candlepower Distribution

Deg.	Norm
0	1217
5	1260
10	1445
15	1932
20	2139
25	1946
30	1983
35	2052
40	2113
45	2230
50	2189
55	1810
60	1557
65	1310
70	1020
75	710
80	417
85	218
90	109
95	66
100	54
105	52
110	51
115	49
120	46
125	44
130	42
135	38
140	35
145	33
150	31
155	30
160	29
165	29
170	28
175	0
180	0





Photometric Data








LED SXPJ

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Components and Accessories

Outlet Boxes	Description	Hub Size (In.)	Catalog Number	Shipping Weight (Lbs.)
	Pendant	3/4 1	SXPP SXPP1	2.15 2.15
	Ceiling	3/4 1	SXPC SXPC1	4.0 4.0
	Wall	3/4 1	SXPW SXPW1	6.20 6.20
	Stanchion	1-1/4 1-1/2	SXPS SXPS1	3.20 3.20

Globes And Guards	Description	Catalog Number	Shipping Weight (Lbs.)
	Prismatic Glass Globe Assembly for 70-150W HPS, 175-250W MH & LED	SXP25GL	6.50
	Stainless Steel Wire Guard for 70-150W HPS, 175-250W MH & LED	SXP25WG	1.50

Reflectors	Description	Catalog Number	Shipping Weight (Lbs.)
	Standard Dome Reflector Fiberglass Filled Polymeric	SR40D	3.00
	30° Angle Reflector Fiberglass Filled Polymeric	SR40A	4.50
	High Bay Aluminum Reflector with Baked on White Enamel	SR40HB	5.00