

Skydome™

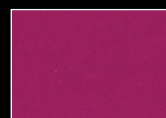
LED STEM/CABLE MOUNT



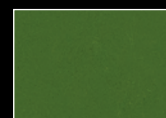
FOCAL POINT®



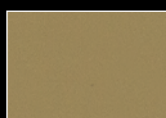
bay blue - gloss



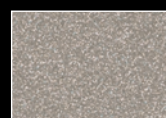
fabulous fuchsia - gloss



golf green - gloss



modest mushroom - gloss



titanium silver



matte black



cable mount canopy detail

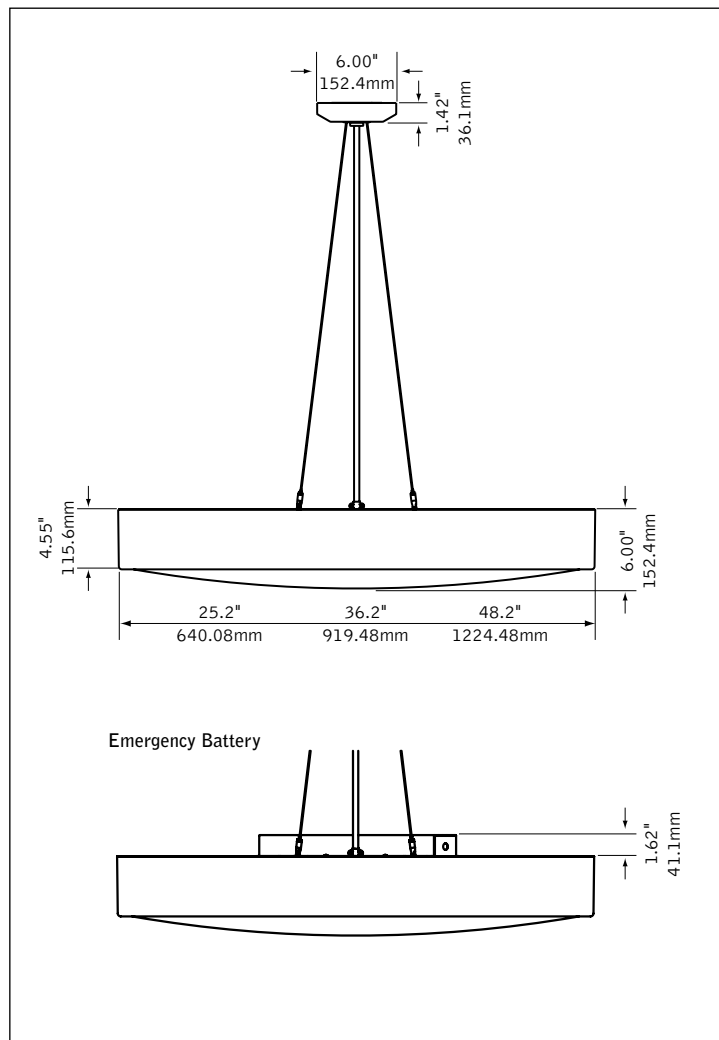


surface mount companion



recessed companion

DIMENSIONAL DATA



FEATURES

Pendant mount LED round dome with acrylic diffuser.

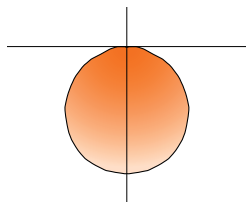
Nominal 2', 3' or 4' diameter housings are available.

Shallow 4.5" deep housing maintains low profile.

Convex lens design ensures an evenly illuminated diffuser.

Skydome™ is a good choice for open public spaces such as airport concourses, large lobbies, reception areas, schools and meeting rooms.

PERFORMANCE



PRODUCT OVERVIEW

Lumen Output: 2000-17000lm

Wattage: 25-194W

LPW: 71-90

SDCM: 3

Lumen Maintenance: L70 @ 76,000hrs

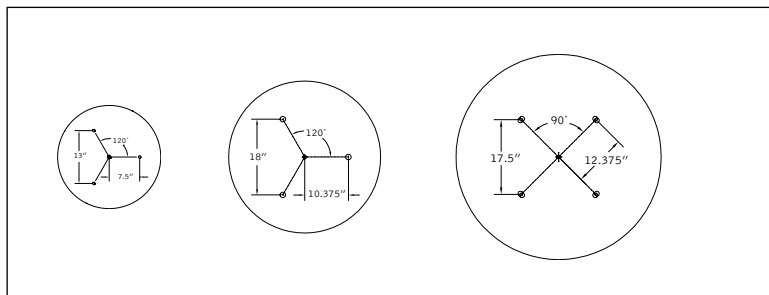
4' Diameter
7000 Lumen Nominal Output
Delivered Lumens: 7000lm
Total System Watts: 77W

Photometric performance is measured in accordance with IESNA LM-79.
Visit focalpointlights.com for complete photometric data.

fixture:

project:

STEM MOUNTING INFORMATION



SPECIFICATIONS

LED System

LED module incorporates premium LEDs on a robust platform to achieve excellent thermal management. LEDs are placed to promote a uniform appearance. Available in 3000K, 3500K or 4000K with CRI>80. LED modules and drivers are replaceable from below.

Construction

18 Ga. spun steel housing. 18 Ga. spun steel mounting pan. Housing available in 25.2", 36.12" or 48.2" diameter x 4.5"H. Housing secured to mounting pan by torsion springs. 12" minimum suspension. 2' unit weight: 23lbs, 3' unit weight: 50lbs, 4' unit weight: 72lbs.

Optic

20 Ga. steel reflector finished in High Reflectance White powder coat. Convex lens of .125" thick white acrylic is secured to housing and removed with torsion springs.

Electrical

Standard 120-277V driver includes 0-10V analog dimming. Power factor > .9. Optional EcoSystem™ driver from Lutron available.

Emergency Battery

Bodine BSL310-CAN. Emergency output—10 watts for 90 minutes.

Labels

UL and cUL listed. Suitable for Dry or Damp Locations, indoor use only.

Finish

Polyester powder coat applied over a 5-stage pre-treatment.

Lumen Maintenance

Calculated: L70 at 76,000 hours Reported: L70 at >54,000 hours
 Derived from EPA TM-21 calculator

Warranty

LED system rated for operation in ambient environments up to 25°C. 5 year limited warranty.

PERFORMANCE CHART

Nominal Size	Delivered Lumens	Tested System Watts	LPW
2'	2000	25	80
	3000	39	77
	4000	56	71
3'	4000	48	83
	5000	61	82
	7000	87	80
4'	9000	117	77
	7000	77	91
	9000	100	90
	11000	123	89
4'	14000	159	88
	17000	194	88

*Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%

Focal Point LLC reserves the right to change specifications for product improvement without notification.

ORDERING

Luminaire Series	FSDL	FSDL
Skydome LED	FSDL	
Nominal Size		
2' Diameter	22	
3' Diameter	33	
4' Diameter	44	
Shielding		CX
Frosted Lens	CX	
Lumen Output		
2' Diameter		
2000 Lumen	2000L	
3000 Lumen	3000L	
4000 Lumen	4000L	
3' Diameter		
4000 Lumen	4000L	
5000 Lumen	5000L	
7000 Lumen	7000L	
9000 Lumen	9000L	
4' Diameter		
7000 Lumen	7000L	
9000 Lumen	9000L	
11,000 Lumen	11000L	
14,000 Lumen	14000L	
17,000 Lumen	17000L	
Color Temperature		
3000K	30K	
3500K	35K	
4000K	40K	
Circuit		1C
Single Circuit	1C	
Voltage		
120 Volt	120	
277 Volt	277	
UNV Volt	UNV	
<small>(Cannot be specified with EM option)</small>		
Driver		
0-10V - 1% Dimming	L11	
0-10V - 10% Dimming	LD1	
Lutron A-Series	L3D	
1% EcoSystem Digital		
<small>(Consult factory for 3-wire control)</small>		
Mounting		
24" Aircraft Cable	C24	
48" Aircraft Cable	C48	
96" Aircraft Cable	C96	
12" Rigid Stem	S12	
18" Rigid Stem	S18	
24" Rigid Stem	S24	
36" Rigid Stem	S36	
48" Rigid Stem	S48	
<small>(White stems and canopies supplied standard. For non-white housings: to match stem and housing color, add M to ordering code (S12M). To match stem, canopy and housing color, add MC to ordering code (S12MC) (Consult factory for other lengths)</small>		
Factory Options		
Emergency Battery*	EM	
Solid Top Cover Plate	TC	
<small>(Painted to match housing. Not available with EM.)</small>		
Finish		
Matte Satin White	WH	
Gloss White	HW	
Titanium Silver	TS	
Matte Black	BK	
Bay Blue - Gloss	BB	
Fabulous Fuschia - Gloss	FF	
Golf Green - Gloss	GG	
Modest Mushroom - Gloss	MM	

(White stems and canopies supplied standard. For non-white housings: to match stem and housing color, add M to ordering code (S12M). To match stem, canopy and housing color, add MC to ordering code (S12MC) (Consult factory for other lengths)

Emergency Battery EM
 Solid Top Cover Plate TC
 (Painted to match housing. Not available with EM.)

Finish
 Matte Satin White WH
 Gloss White HW
 Titanium Silver TS
 Matte Black BK
 Bay Blue - Gloss BB
 Fabulous Fuschia - Gloss FF
 Golf Green - Gloss GG
 Modest Mushroom - Gloss MM

*For more information visit focalpointlights.com/reference or consult factory.

Skydome™

LED - 2' SUSPENDED

FSDL-22-2000L-35K-LD1-120-SM-CX-WH

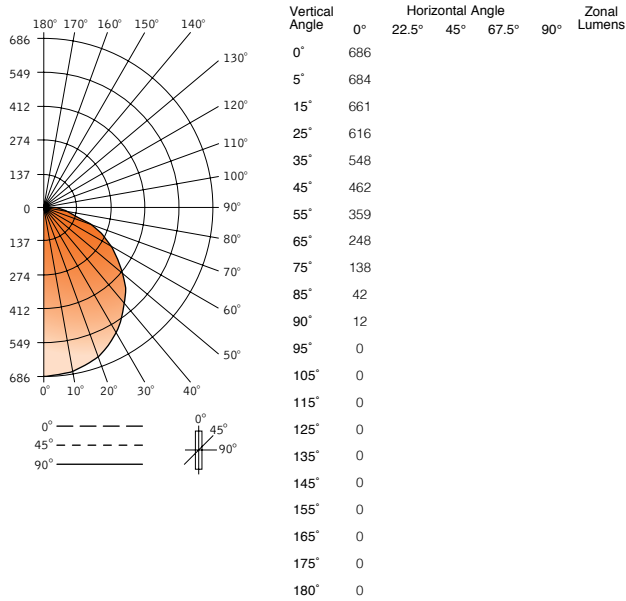
Filename: FSDL222000L35KSM.IES

Lumens: 2000lm

System Watts: 25W

LPW: 80

CANDLEPOWER DISTRIBUTION



LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0-30°	536	26.8	
0-40°	878	43.9	
0-60°	1555	77.8	
0-90°	1997	99.8	
Total Luminaire	0-180°	2000	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	2320	2320	2320
55°	2180	2180	2180
65°	1982	1982	1982
75°	1677	1677	1677
85°	1145	1145	1145

Go to www.focalpointlights.com for additional photometric data.

Skydome™

LED - 2' SUSPENDED

FSDL-22-4000L-35K-LD1-120-SM-CX-WH

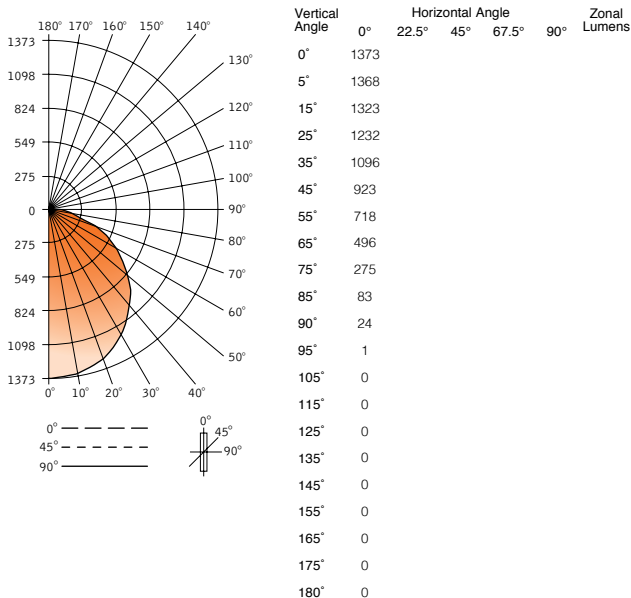
Filename: FSDL224000L35KSM.IES

Lumens: 4000lm

System Watts: 56W

LPW: 71

CANDLEPOWER DISTRIBUTION



LUMEN SUMMARY

Zone	Lumens	% Fixture	
0-30°	1071	26.8	
0-40°	1757	43.9	
0-60°	3111	77.8	
0-90°	3993	99.8	
Total Luminaire	0-180°	4000	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	4640	4640	4640
55°	4360	4360	4360
65°	3964	3964	3964
75°	3354	3354	3354
85°	2289	2289	2289

Go to www.focalpointlights.com for additional photometric data.

Skydome™

LED - 3' SUSPENDED

FSDL-33-4000L-35K-LD1-120-SM-CX-WH

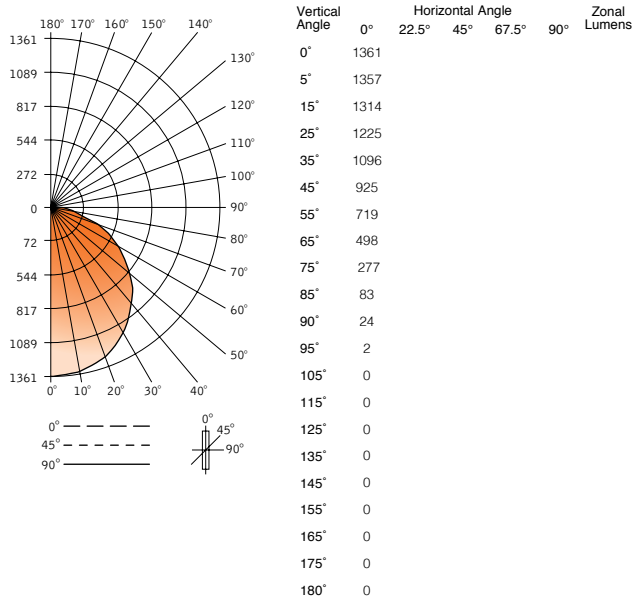
Filename: FSDL334000L35KSM.IES

Lumens: 4000lm

System Watts: 48W

LPW: 83

CANDLEPOWER DISTRIBUTION



LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0-30°	1064	26.6	
0-40°	1750	43.7	
0-60°	3106	77.7	
0-90°	3992	99.8	
Total Luminaire	4000	100.0	

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	2132	2132	2132
55°	2006	2006	2006
65°	1828	1828	1828
75°	1554	1554	1554
85°	1053	1053	1053

Go to www.focalpointlights.com for additional photometric data.

Skydome™

LED - 3' SUSPENDED

FSDL-33-9000L-35K-LD1-120-SM-CX-WH

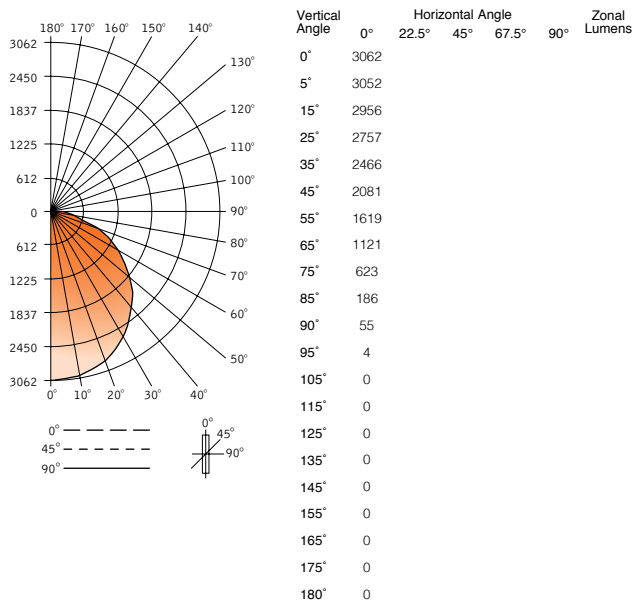
Filename: FSDL339000L35KSM.IES

Lumens: 9000lm

System Watts: 117W

LPW: 77

CANDLEPOWER DISTRIBUTION



LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	2395	26.6
0-40°	3937	43.7
0-60°	6989	77.7
0-90°	8983	99.8
Total Luminaire	9000	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	4798	4798	4798
55°	4513	4513	4513
65°	4114	4114	4114
75°	3497	3497	3497
85°	2370	2370	2370

Go to www.focalpointlights.com for additional photometric data.

Skydome™

LED - 4' SUSPENDED

FSDL-44-7000L-35K-LD1-120-SM-CX-WH

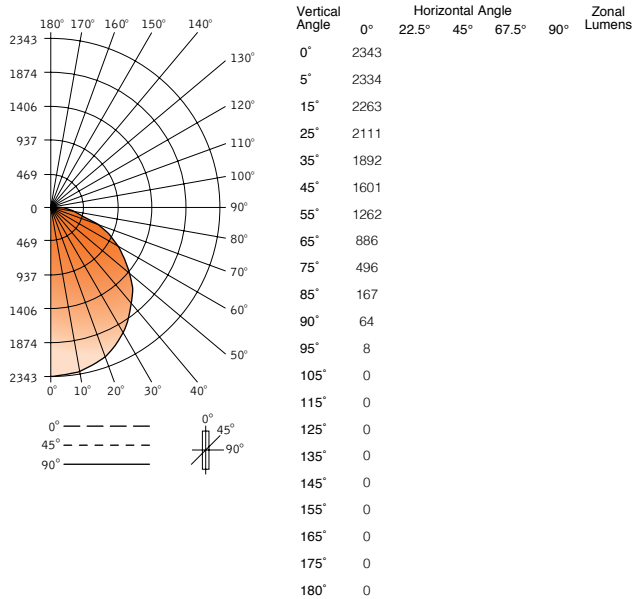
Filename: FSDL447000L35KSM.IES

Lumens: 7000lm

System Watts: 77W

LPW: 91

CANDLEPOWER DISTRIBUTION



LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0-30°	1834	26.2	
0-40°	3017	43.1	
0-60°	5380	76.9	
0-90°	6978	99.7	
Total Luminaire	0-180°	7000	100.0

Go to www.focalpointlights.com for additional photometric data.

Skydome™

LED - 4' SUSPENDED

FSDL-44-17000L-35K-LD1-120-SM-CX-WH

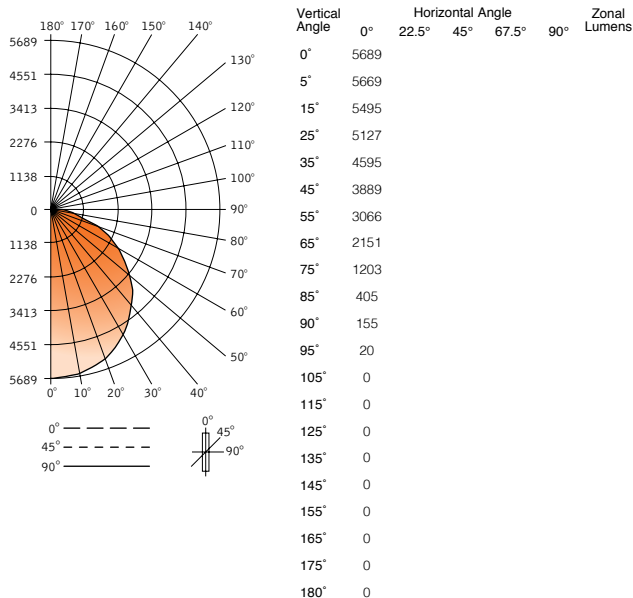
Filename: FSDL4417000L35KSM.IES

Lumens: 17000lm

System Watts: 194W

LPW: 88

CANDLEPOWER DISTRIBUTION



LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0-30°	4454	26.2	
0-40°	7327	43.1	
0-60°	13066	76.9	
0-90°	16946	99.7	
Total Luminaire	0-180°	17000	100.0

Go to www.focalpointlights.com for additional photometric data.