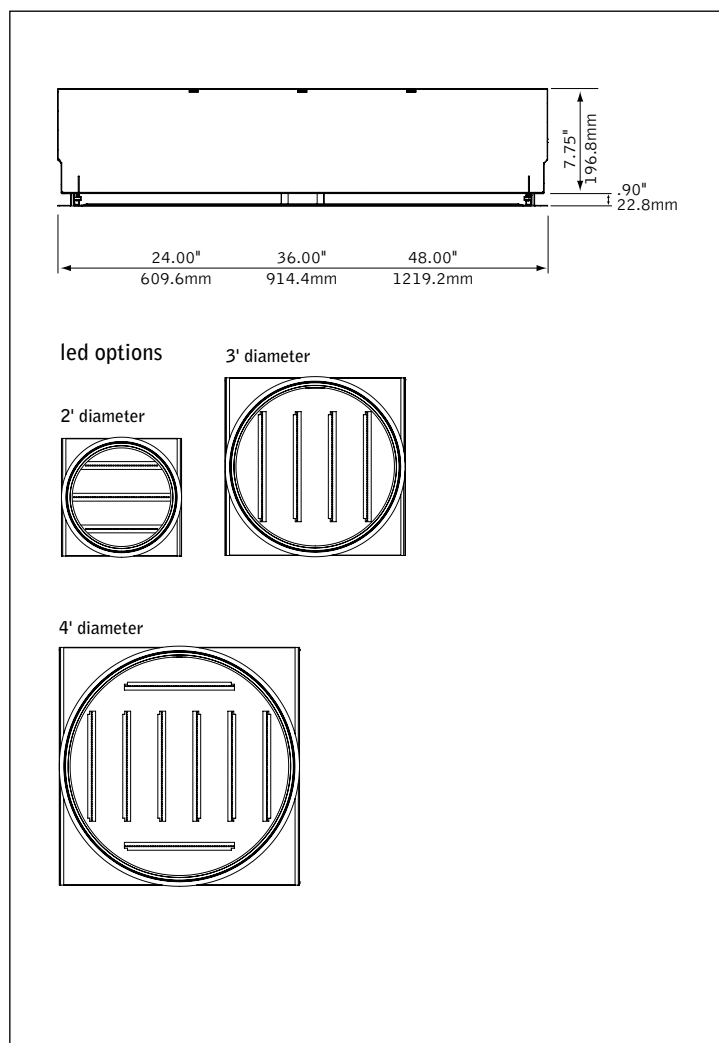




## DIMENSIONAL DATA



## FEATURES

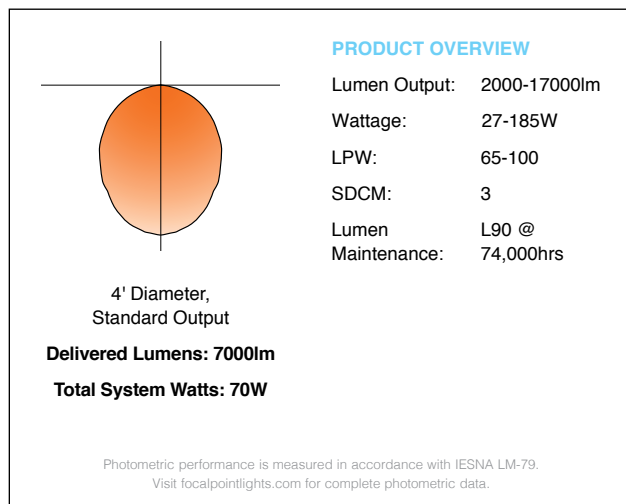
2', 3' and 4' diameter recessed direct LED with lens.

Frosted acrylic diffuser provides high transmission and uniform distribution.

Universal ceiling trim rings are suitable for both grid & drywall applications.

Skydome™ is an excellent choice for open public spaces such as concourses, lobbies, reception areas and meeting rooms.

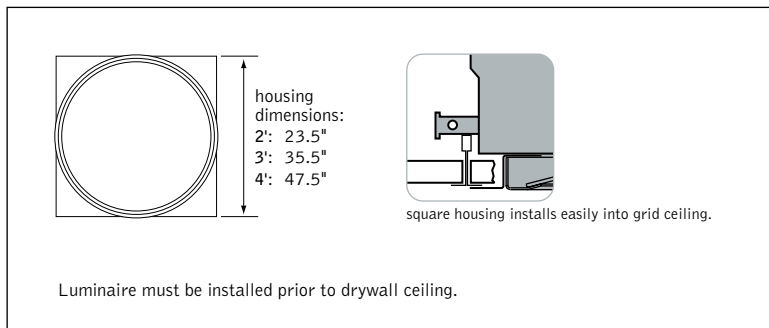
## PERFORMANCE



fixture:

project:

## MOUNTING INFORMATION



## SPECIFICATIONS

### LED System

Proprietary linear 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. 0-10V dimming driver standard. LED modules and drivers are replaceable from below.

### Construction

Two-piece 20 Ga. steel reflector and housing. Spun steel trim ring and doorframe. Bottom access 20 Ga. steel driver compartment. 2' unit weight: 24 lbs., 3' unit weight: 44 lbs., 4' unit weight: 58 lbs.

### Optic

One-piece 20 Ga. steel reflector finished in High Reflectance White powder coat. .125" frosted acrylic diffuser is held by one-piece spun steel doorframe and secured to the housing by torsion springs. Flat frosted Lens.

### Electrical

Standard 120-277V driver includes 0-10V analog dimming. Power factor > .9. Optional EcoSystem drivers 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: L90 at 74,000 hours      Reported: L90 at >61,000 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	27	74
	3000	43	70
	4000	62	65
3'	4000	49	82
	5000	63	79
	7000	93	75
4'	9000	127	71
	7000	70	100
	9000	94	96
4'	11000	118	93
	14000	153	92
	17000	185	92

\*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

<b>Luminaire Series</b>		<b>FSDL</b>
Skydome LED	FSDL	
<b>Nominal Size</b>		
2' Diameter	22	
3' Diameter	33	
4' Diameter	44	
<b>Shielding</b>		<b>FLXP</b>
Flat Frosted Diffuser	FLXP	
<b>Lumen Output</b>		
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	
<b>Color Temperature</b>		
3000K	30K	
3500K	35K	
4000K	40K	
<b>Circuit</b>		<b>1C</b>
Single Circuit	1C	
<b>Voltage</b>		
120 Volt	120	
277 Volt	277	
UNV Volt	UNV	
<small>(Cannot be specified with EM option)</small>		
<b>Driver</b>		
<small>(See driver reference for driver quantity)</small>		
0-10V - 10% Dimming	LD1	
0-10V -1% Dimming	L11	
Lutron A-Series	L3D	
1% EcoSystem Digital		
<small>(Consult factory for 3-wire control)</small>		
Lutron H-Series - 1% Dimming	LH1	
Lutron 5-Series	LU5	
5% EcoSystem Digital		
DALI - 1% Dimming	D11	
<b>Mounting</b>		<b>U</b>
Universal	U	
<b>Factory Options</b>		
Chicago Plenum	CP	
Emergency Battery*	EM	
6' New York City Flex Whip	FNY	
6' Flex Whip	FW	
<b>Finish</b>		<b>WH</b>
Matte Satin White	WH	

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

# Skydome™

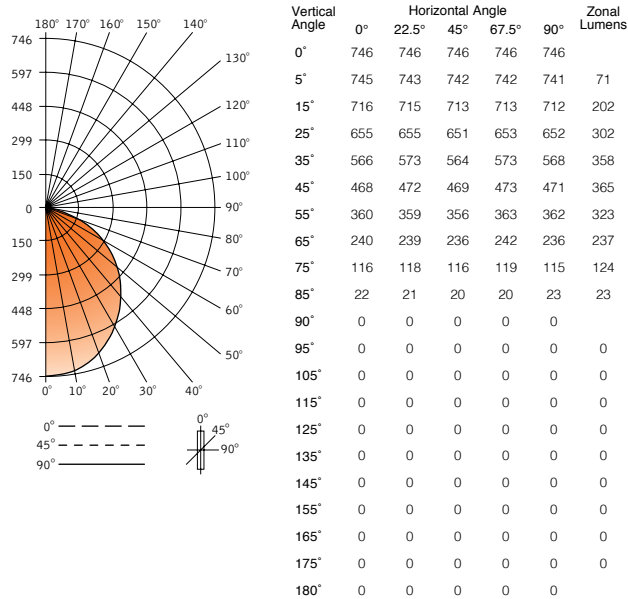
LED - 2' RECESSED

## FSDL-22-FLXP-2000L-35K-1C-120-LD1-U-WH

Filename: FSDL22FLXP2000L35K.IES  
Test #: 18930.0

Lumens: 2004lm  
System Watts: 27.4W  
LPW: 73

### CANDLEPOWER DISTRIBUTION



### LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	575	28.7
0-40°	933	46.6
0-60°	1620	80.9
0-90°	2004	100.0
<b>Total Luminaire 0-180°</b>	<b>2004</b>	<b>100.0</b>

### LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	3322	3329	3344
55°	3151	3114	3169
65°	2847	2810	2810
75°	2254	2254	2233
85°	1255	1135	1315

Go to [www.focalpointlights.com](http://www.focalpointlights.com) for additional photometric data.

# Skydome™

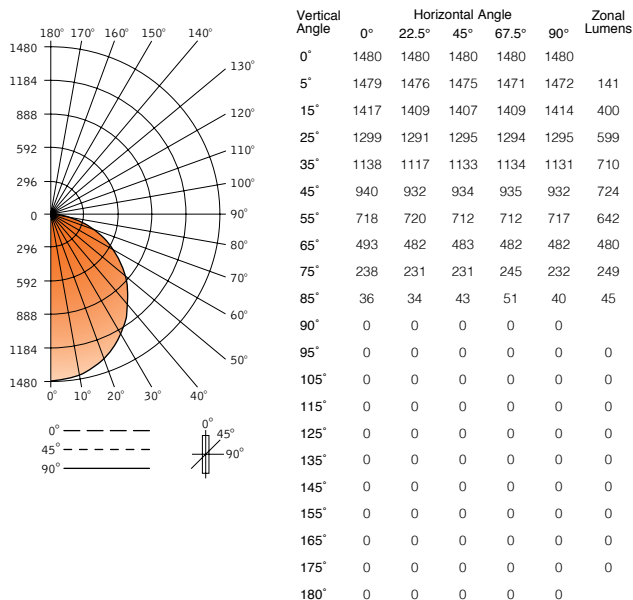
LED - 2' RECESSED

## FSDL-22-FLXP-4000L-35K-1C-120-LD1-U-WH

Filename: FSDL22FLXP4000L35K.IES  
Test #: 18932.0

Lumens: 3988lm  
System Watts: 62.1W  
LPW: 64

### CANDLEPOWER DISTRIBUTION



### LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	1139	28.6
0-40°	1849	46.4
0-60°	3214	80.6
0-90°	3988	100.0
<b>Total Luminaire 0-180°</b>	<b>3988</b>	<b>100.0</b>

### LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	6677	6633	6619
55°	6282	6229	6273
65°	5856	5736	5724
75°	4614	4477	4496
85°	2099	2449	2332

Go to [www.focalpointlights.com](http://www.focalpointlights.com) for additional photometric data.

# Skydome™

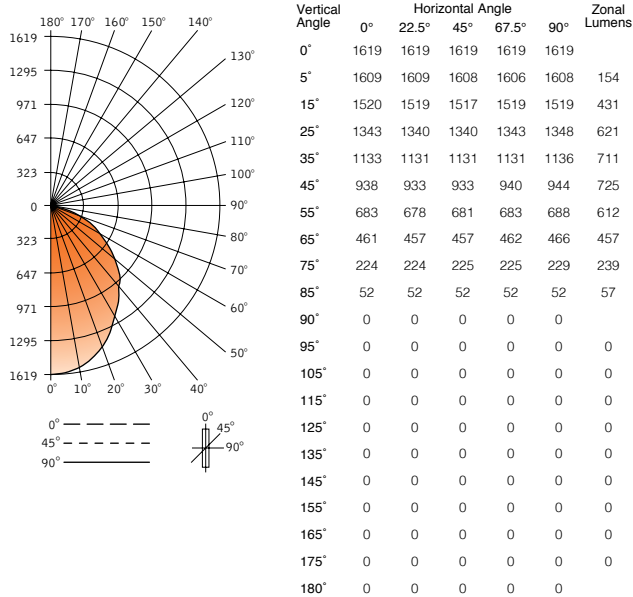
LED - 3' RECESSED

## FSDL-33-FLXP-4000L-35K-1C-120-LD1-U-WH

Filename: FSDL33FLXP4000L35K.IES  
Test #: 18735.0

Lumens: 4005lm  
System Watts: 48.9W  
LPW: 82

### CANDLEPOWER DISTRIBUTION



### LUMEN SUMMARY

Zone	Lumens	% Fixture	
0-30°	1205	30.1	
0-40°	1916	47.8	
0-60°	3253	81.2	
0-90°	4005	100.0	
<b>Total Luminaire</b>	<b>0-180°</b>	<b>4005</b>	<b>100.0</b>

### LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	2587	2573	2605
55°	2321	2315	2341
65°	2126	2110	2149
75°	1692	1698	1723
85°	1153	1172	1153

Go to [www.focalpointlights.com](http://www.focalpointlights.com) for additional photometric data.

# Skydome™

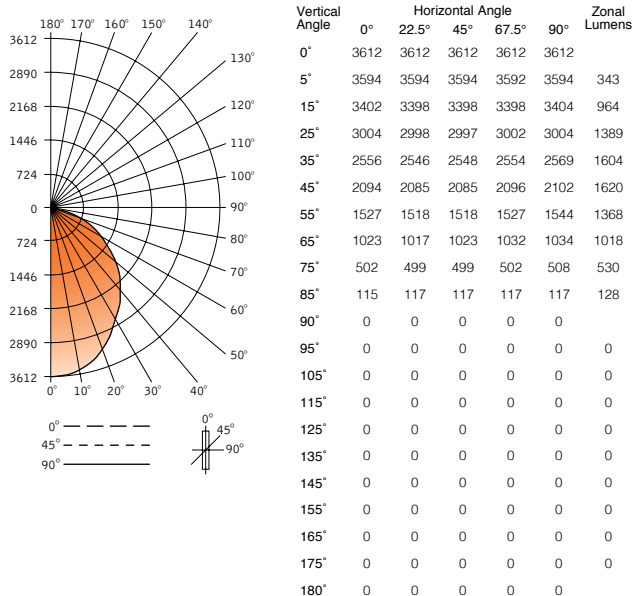
LED - 3' RECESSED

## FSDL-33-FLXP-9000-35K-1C-120-LD1-U-WH

Filename: FSDL33FLXP9000L35K.IES  
Test #: 18738.0

Lumens: 8962lm  
System Watts: 127.4W  
LPW: 70

### CANDLEPOWER DISTRIBUTION



### LUMEN SUMMARY

Zone	Lumens	% Fixture	
0-30°	2695	30.1	
0-40°	4299	48.0	
0-60°	7286	81.3	
0-90°	8962	100.0	
<b>Total Luminaire</b>	<b>0-180°</b>	<b>8962</b>	<b>100.0</b>

### LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	5777	5752	5798
55°	5193	5161	5250
65°	4721	4721	4773
75°	3785	3757	3827
85°	2581	2622	2622

Go to [www.focalpointlights.com](http://www.focalpointlights.com) for additional photometric data.

# Skydome™

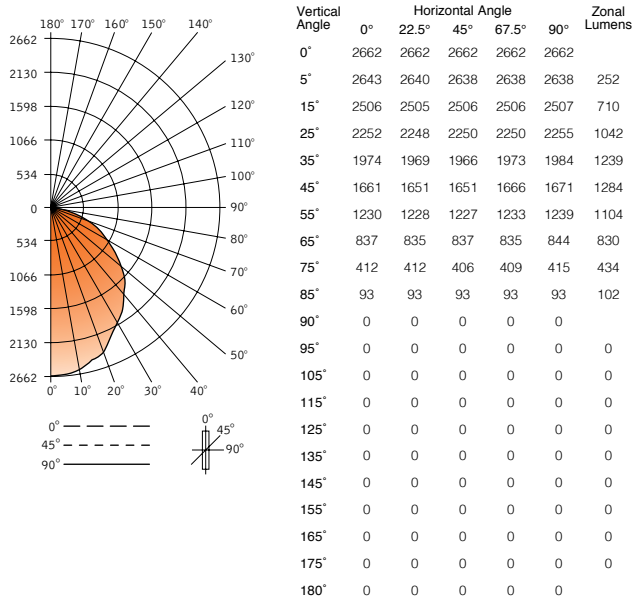
LED - 4' RECESSED

## FSDL-44-FLXP-7000L-35K-1C-120-LD1-U-WH

Filename: FSDL44FLXP7000L35K.IES  
Test #: 18739.0

Lumens: 6997lm  
System Watts: 70.4W  
LPW: 99

### CANDLEPOWER DISTRIBUTION



### LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	2004	28.6
0-40°	3243	46.3
0-60°	5631	80.5
0-90°	6997	100.0
<b>Total Luminaire 0-180°</b>	<b>6997</b>	<b>100.0</b>

### LUMINANCE DATA (CD/M<sup>2</sup>)

Vertical Angle	0°	45°	90°
45°	2403	2389	2418
55°	2194	2189	2209
65°	2026	2026	2044
75°	1631	1606	1639
85°	1095	1095	1095

Go to [www.focalpointlights.com](http://www.focalpointlights.com) for additional photometric data.

# Skydome™

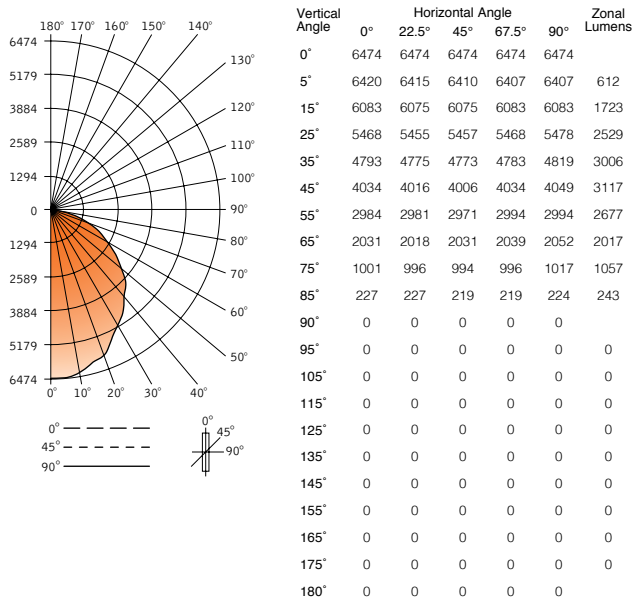
LED - 4' RECESSED

## FSDL-44-FLXP-17000L-35K-1C-120-LD1-U-WH

Filename: FSDL44FLXP17000L35K.IES  
Test #: 18743.0

Lumens: 16980lm  
System Watts: 185.4W  
LPW: 92

### CANDLEPOWER DISTRIBUTION



### LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	4864	28.6
0-40°	7870	46.3
0-60°	13663	80.5
0-90°	16980	100.0
<b>Total Luminaire 0-180°</b>	<b>16980</b>	<b>100.0</b>

### LUMINANCE DATA (CD/M<sup>2</sup>)

Vertical Angle	0°	45°	90°
45°	5837	5796	5859
55°	5322	5299	5341
65°	4917	4917	4967
75°	3959	3928	4020
85°	2659	2569	2629

Go to [www.focalpointlights.com](http://www.focalpointlights.com) for additional photometric data.