

# Skydome® Edge™

LED PENDANT



canopy detail

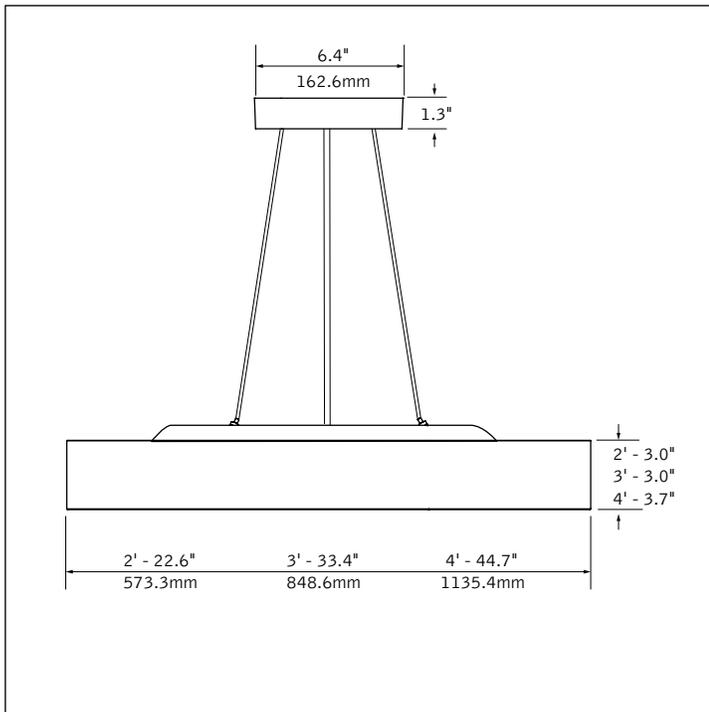


surface mount companion

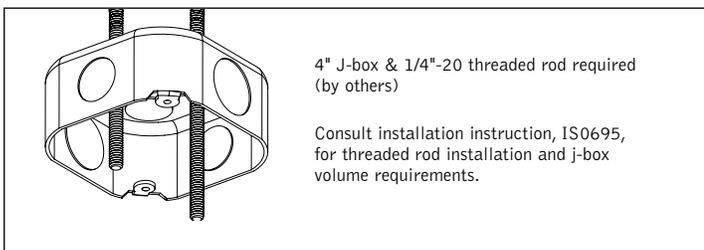


unlit acoustic companion

## DIMENSIONAL DATA



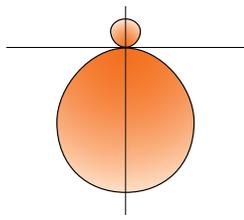
## MOUNTING INFORMATION



## FEATURES

- Shallow housing.
- Edge lighting technology ensures even illumination of the lens.
- Slot canopy provides no visibility to mechanical elements.
- Knife edge design provides a modern aesthetic.
- Available in nominal 2', 3' and 4' diameters.
- Choice of direct and indirect output levels to meet a wide variety of application needs, specified and controlled independently.
- PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

## PERFORMANCE



**PRODUCT OVERVIEW**

Lumen Output: 2000-16500lm

Wattage: 17 - 162W

LPW: 104 - 118

SDCM: 2

**3' Diameter**  
 2000 Lumens indirect /  
 9000 Lumens direct  
**Delivered Lumens: 11000lm**  
**Total System Watts: 106W**

Photometric performance is measured in accordance with IESNA LM-79.  
 Visit [focalpointlights.com](http://focalpointlights.com) for complete photometric data.

fixture:

project:

**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 2700K, 3000K, 3500K or 4000K with 80 or 90 CRI. 3500K and 4000K with CRI>90 have a cyanosis observation index (COI) of 3.3 or less. Drivers are replaceable.

**Construction**

Extruded aluminum housing. One-piece ABS plastic top cover. Luminaire weights: 2' unit: 24lbs, 3' unit: 48lbs, 4' unit: 82lbs.

**Mounting**

White canopy provided for below ceiling access. Minimum mounting heights: 2' unit: 15", 3' unit: 30", 4' unit: 45"

**Optic**

18 Ga. steel reflector finished in High Reflectance white powder coat. Regressed lens of 0.118" thick acrylic.

**Electrical**

Standard 120-277V driver includes 0-10V analog dimming. Power factor > .9. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

Nominal Size	Direct Distribution	Driver Quantity	
		Direct Only	Direct/Indirect
2'	2000DN - 5000DN	1	2
	4000DN - 7000DN	1	2
3'	9000DN	2	3
	7000DN	1	2
4'	9000DN - 1400DN	2	3

**Emergency Battery**

Bodine BSL6LST. Emergency output - 6 watts for 90 minutes. Maximum mounting height: 14.25ft.

**Labels**

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

**Finish**

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

**Lumen Maintenance**

Reported: L70 at >61,000 hours      Calculated: L70 at 221,000 hours  
 L90 at 57,000hrs                      L90 at 57,000hrs

Derived from EPA TM-21 calculator. Based on typical conditions, consult factory for additional data.

**Reliability**

At Focal Point, our products are designed to stand the test of time. Each luminaire is engineered using superior components, manufactured with the utmost care and rigorously tested. Contact us for reliability data.

**Warranty**

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

**PERFORMANCE CHART** (Direct only) See page 3 for additional performance.

Nominal Size	Delivered Lumens	Tested System Watts	LPW
2'	2000	17	116
	3000	26	118
	4000	35	118
	5000	44	114
3'	4000	35	118
	5000	43	117
	7000	63	113
	9000	82	109
4'	7000	62	112
	9000	85	110
	11000	105	107
	14000	135	104

Based on 3500K, 80CRI. Lumen multiplier for 90CRI = 0.85. 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	FSDEP
Skydome Edge	FSDEP
<b>Nominal Size</b>	
2' Diameter	2
3' Diameter	3
4' Diameter	4
<b>Shielding</b>	<b>FL</b>
Frosted Lens	FL
<b>Direct Distribution</b>	
2' Diameter	
2000 Lumen	2000DN
3000 Lumen	3000DN
4000 Lumen	4000DN
5000 Lumen	5000DN
3' Diameter	
4000 Lumen	4000DN
5000 Lumen	5000DN
7000 Lumen	7000DN
9000 Lumen	9000DN
4' Diameter	
7000 Lumen	7000DN
9000 Lumen	9000DN
11,000 Lumen	11000DN
14,000 Lumen	14000DN
<b>Indirect Distribution</b>	
No Uplight	0UP
500 Lumen (L11 & LD1 only)	500UP
1000 Lumen	1000UP
1500 Lumen	1500UP
2000 Lumen (3' & 4' Diameters only)	2000UP
2500 Lumen (4' Diameter only)	2500UP
<b>Color Temperature</b>	
2700K, 80+ CRI or 90+ CRI	27K or 927K
3000K, 80+ CRI or 90+ CRI	30K or 930K
3500K, 80+ CRI or 90+ CRI	35K or 935K
4000K, 80+ CRI or 90+ CRI	40K or 940K
<b>Circuit</b>	
Single Circuit	1C
Dual Circuit	2C
<b>Voltage</b>	
120/277 UNV Volt	UNV
347 Volt (L11 & LD1 only. Not available with uplight, 0UP only. Not available with EM battery.)	347
Low Voltage	LV
<b>Control System &amp; Dimming Level</b>	
0-10V - 1% Dimming	L11
0-10V - 10% Dimming	LD1
Low Voltage, PoE compatible (No driver. Not available with EM or EC. LV Voltage only.)	LVN
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming (9000, 11000 & 14000 lumens not available)	LH1
DALI 1% Dimming (7000, 9000, 11000 & 14000 lumens not available)	D11
<b>Mounting</b>	
24" Aircraft Cable (2' diameter only)	C24
48" Aircraft Cable	C48
96" Aircraft Cable (Consult factory for other lengths)	C96
<b>Factory Options</b>	
Emergency Battery (120/277 Volt only)	EM
<b>Housing Finish</b>	
Matte Satin White	WH
Titanium Silver	TS
Matte Black	BK
Custom Color (Specify your RAL color value. Extended lead time, consult factory.)	RAL_____

**PERFORMANCE CHART WITH UPLIGHT**

Nominal Size	Direct Distribution	Indirect Distribution	Distribution % (Direct/Indirect)	Total Delivered Lumens	Tested System Watts	LPW
2'	2000DN	500UP	80/20	2500	24	104
		1000UP	65/35	3000	29	105
		1500UP	60/40	3500	35	101
	3000DN	500UP	85/15	3500	32	108
		1000UP	75/25	4000	37	109
		1500UP	65/35	4500	43	105
	4000DN	500UP	90/10	4500	42	109
		1000UP	80/20	5000	46	110
		1500UP	70/30	5500	52	106
	5000DN	500UP	90/10	5500	51	109
		1000UP	85/15	6000	55	109
		1500UP	75/25	6500	62	106
3'	4000DN	500UP	90/10	4500	42	109
		1000UP	80/20	5000	47	108
		1500UP	75/25	5500	52	107
		2000UP	65/35	6000	58	104
	5000DN	500UP	90/10	5500	51	109
		1000UP	85/15	6000	55	109
		1500UP	75/25	6500	61	108
		2000UP	70/30	7000	67	105
	7000DN	500UP	95/5	7500	71	108
		1000UP	90/30	8000	75	108
		1500UP	80/20	8500	80	107
		2000UP	80/20	9000	87	105
9000DN	500UP	95/5	9500	90	106	
	1000UP	90/10	10000	95	106	
	1500UP	85/15	10500	100	105	
	2000UP	80/20	11000	106	104	
4'	7000DN	500UP	95/5	7500	69	108
		1000UP	90/10	8000	74	109
		1500UP	80/20	8500	78	109
		2000UP	80/20	9000	83	108
		2500UP	75/25	9500	89	106
	9000DN	500UP	95/5	9500	92	107
		1000UP	90/10	10000	96	108
		1500UP	85/15	10500	100	108
		2000UP	80/20	11000	106	107
		2500UP	80/20	11500	112	106
	11000DN	500UP	95/5	11500	112	105
		1000UP	90/10	12000	117	106
1500UP		90/10	12500	121	106	
2000UP		85/15	13000	127	105	
2500UP		80/20	13500	132	104	
14000DN	500UP	95/5	14500	142	102	
	1000UP	95/5	15000	147	103	
	1500UP	90/10	15500	151	103	
	2000UP	90/10	16000	157	102	
	2500UP	85/15	16500	162	102	

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