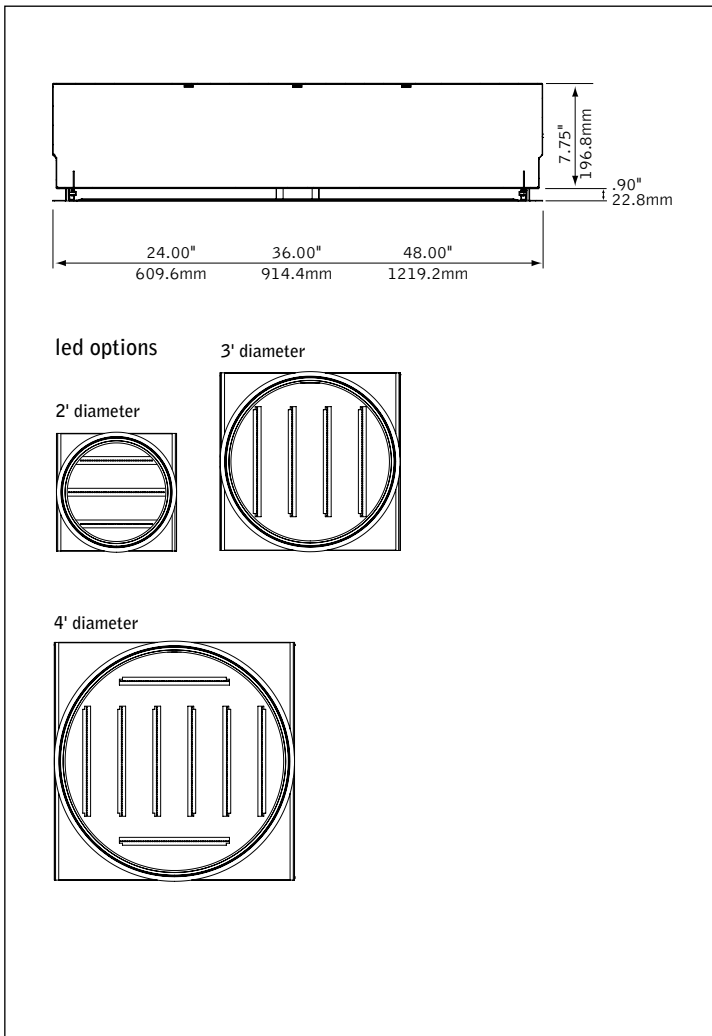




DIMENSIONAL DATA



FEATURES

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

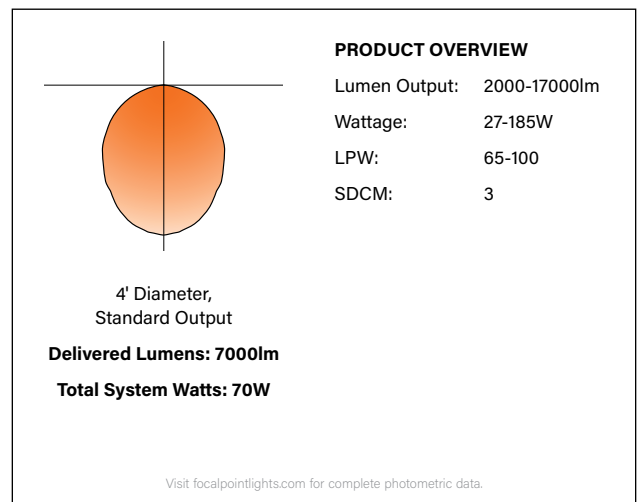
Frosted acrylic diffuser provides high transmission and uniform distribution.

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.

PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

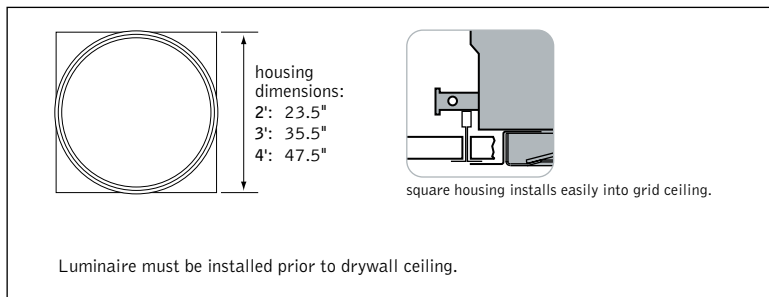
PERFORMANCE



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 2700K, 3000K, 3500K or 4000K with CRI>80 or CRI>90. 3500K and 4000K with CRI>90 have a cyanosis observation index (COI) of 3.3 or less. 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. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

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: L90 at >61,000 hours Calculated: L90 at 74,000 hours
 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

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

Based on 3500K, 80 CRI. Lumen multiplier: 90+ CRI = 0.87. Lumen output may vary +/- 8%. Actual wattage may vary +/- 5%

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

ORDERING

Luminaire Series		FSDL	FLXP
Skydome LED	FSDL		
Nominal Size			
2' Diameter	22		
3' Diameter	33		
4' Diameter	44		
Shielding			
Flat Frosted Diffuser	FLXP		
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			
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		
Circuit			
Single Circuit	1C		
Voltage			
120/277 UNV Volt	UNV		
Low Voltage	LV		
Driver			
<small>(See driver reference for driver quantity)</small>			
0-10V - 10% Dimming	LD1		
Low Voltage, PoE compatible	LVN		
<small>(No driver. Not available with EM or EC. LV Voltage only)</small>			
0-10V -1% Dimming	L11		
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1		
DALI - 1% Dimming	D11		
Mounting			
Universal	U		
Factory Options			
Chicago Plenum	CP		
Emergency Battery	EM		
6' New York City Flex Whip (120V)	FNY1		
6' New York City Flex Whip (277V)	FNY2		
6' Flex Whip	FW		
Finish			
Matte Satin White	WH		