

ID+ 6"

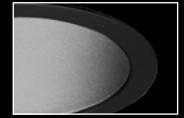
LED DOWNLIGHT



clear diffuse



white reflector

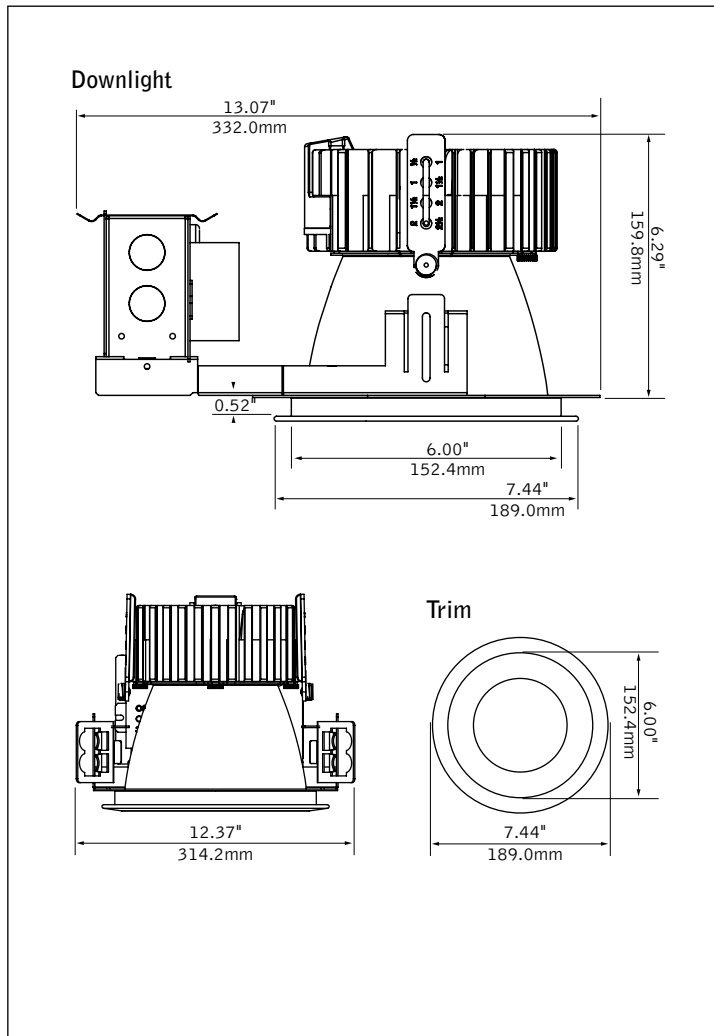


black reflector



white painted
flange

DIMENSIONAL DATA



FEATURES

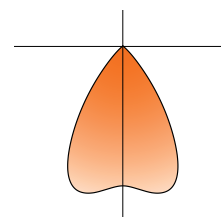
Field adjustability of ceiling thickness from 0.5" - 2.5".

50° cutoff to light source and its image.

Right Light: Standard delivered lumen outputs 1000, 1500, 2000, 2500 and 3000.

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

PERFORMANCE



Clear Diffuse Reflector
3500k, 2000 Lumens

Delivered Lumens: 2000lm

Total System Watts: 21W

PRODUCT OVERVIEW

Lumen Output:	1000-3000lm
Wattage:	11-36W
LPW:	83-94
Spacing Criterion:	1.09
SDCM:	2
Lumen Maintenance:	L70 @ 63,000hrs

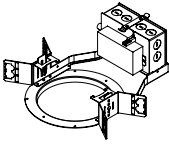
Photometric performance is measured in accordance with IESNA LM-79.
Visit focalpointlights.com for complete photometric data. Visit energystar.gov for model specifics.

fixture:

project:

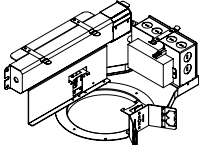
HOUSING DETAILS

Standard



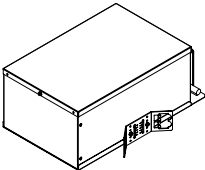
L x W x H
13.07" x 12.37" x 6.29"

Emergency Battery



L x W x H
16.21" x 12.37" x 6.29"

Chicago Plenum



Standard L x W x H
16.85" x 11.45" x 6.53"
Emergency L x W x H
16.85" x 12.95" x 6.53"

HOUSING SPECIFICATIONS

Construction

Thermally protected housing for new construction applications. Insulation to be kept 3" away from housing. Butterfly brackets allow mounting to 1/2" emt. Order bar hangers as an accessory. Die-cast aluminum heat sink designed for maximum thermal dissipation. Die-formed housing and integral junction box with (7) 1/2" pry outs. UL & cUL listed for (6) #14 AWG (3 in, 3 out) 90°C conductors and feed through-branch wiring. Accommodates ceiling thicknesses up to 0.5" standard, field adjustable up to 2.5" thickness. For thicker ceiling consult factory. Fixture will not exceed 5 lb.

Electrical

Choice of constant current dimming drivers. Power factor > .9 typical. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

Emergency

Emergency Battery Pack: Bodine BSL17C-C2. Emergency output —7W for 90 minutes. Maximum mounting height: 23.3ft. (Black reflector color: 18.1ft.)

Labels

UL and cUL Listed. Suitable for Dry or Damp Locations, indoor use only. Specify wet listed (WL) for recessed ceiling applications in indoor and outdoor locations. Lutron Drivers not recommended for outdoor environments below 0°C.

Lumen Maintenance

Reported: L70 at >63,000 hours. Derived from EPA TM-21 calculator

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.

TRIM & LED SPECIFICATIONS

LED System

Proprietary array incorporates premium LEDs on a robust platform. May be specified in 2700K, 3000K, 3500K or 4000K, 80+ CRI or 90+ CRI. Color accuracy within 2 SDCM. Aluminum heat sink provides appropriate thermal management.

Aesthetics

Parabolic reflector cone ensures glare free optics. Reflector is .050 spun aluminum. Torsion springs pull trim tight to the ceiling with no visible fasteners within the trim. Trims are self-flanged. Non-painted trim matches reflector finish. White painted flange may also be specified.

Optics

50-degree cut-off to light source and its image.

PERFORMANCE CHART

Delivered Lumens	System Watts	LPW
1000	11	88
1500	17	87
2000	21	94
2500	29	85
3000	36	83

Based on 3000/3500K, 80 CRI. Clear Diffuse reflector cone. 90 CRI lumen multiplier: 2700K = 0.71, 3000/3500K = 0.83, 4000K = 0.89. Black multiplier: 0.56. White multiplier: 1.13. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

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

HOUSING ORDERING

Housing Series	FLC6D	FLC6D
ID+ 6" Round Downlight	FLC6D	
Trim Type		
Round Flush	RF	
Round Overlap	RO	
Lumen Output		
1000 Lumens	1000L	
1500 Lumens	1500L	
2000 Lumens	2000L	
2500 Lumens	2500L	
3000 Lumens	3000L	
Voltage		
120V	120	
277V*	277	
Low Voltage	LV	
Control System & Dimming Level		
0-10V - 1% Dimming	L11	
0-10V - 10% Dimming	LD1	
Low Voltage, PoE compatible	LVN	
(No driver. 2000 Lumen max with CP option, 1000 Lumen max non-CP. Not available with EM. LV Voltage only.)		
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1	
DALI - 1% Dimming	D11	
(Available with 2500L & 3000L)		
DMX - 3-Channel, 0% Dimming	MZ3	
Housing Type		T
Thermally Protected, Non-IC	T	
Factory Options		
Bar Hangers	BH	
Chicago Plenum / National Plenum	CP	
Emergency Battery	EM	
(Must order LC6EM trim)		
TRIM & LED MODULE		
Aperture		
6" Round Reflector	LC6	
6" Round Reflector - Emergency	LC6EM	
(Required for "EM" option)		
Trim Type		RD
Round	RD	
Lumen Output		
(Trim & Housing output must match)		
1000 Lumens	1000L	
1500 Lumens	1500L	
2000 Lumens	2000L	
2500 Lumens	2500L	
3000 Lumens	3000L	
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	
Optic		DN
Downlight	DN	
Color		
Clear Diffuse	CD	
Black	BK	
(Black Painted flange only)		
White	WH	
(White Painted flange only)		
Flange Finish		
Non-Painted, matches reflector	NP	
(Clear diffuse only)		
Black Painted	BP	
White Painted	WP	
Factory Options		
Wet Listed	WL	
(Not available with 90CRI)		

A complete unit consists of two line items, housing and trim
Example: FLC6D-RO-1500L-120-LD1-T | LC6-RD-1500L-35K-DN-CD-NP

*1500 and 2000 lumen outputs add 2 watts to system wattage.