

ID+ 8"

LED HIGH CEILING DOWNLIGHT



non-painted trim

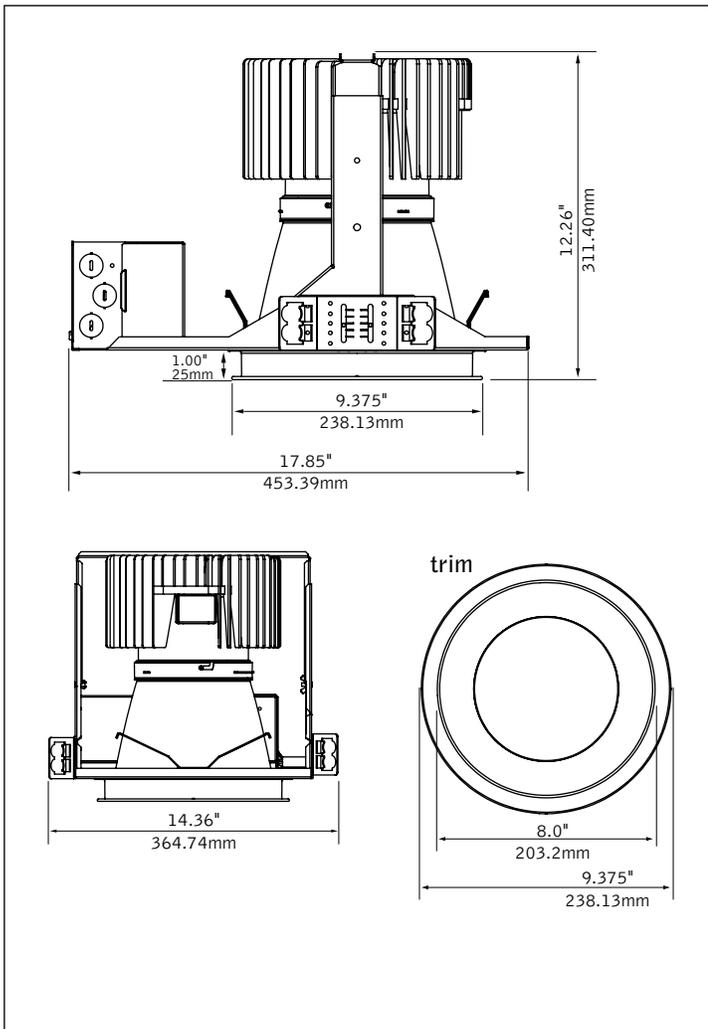


white painted trim



wall wash companion

DIMENSIONAL DATA



FEATURES

High ceiling downlight with a choice of beamspreads is ideal for lobbies, atriums and convention centers.

Optical design creates homogenous light source appearance. Field changeable 30°, 40°, 50° and 60° beams offer design flexibility.

Selection of dimming drivers available.

Passive cooling allows silent operation.

Self-flanged Clear Diffuse reflector cone features superior brightness control and 50-degree cutoff to light source and its image.

Sloped ceiling adaptor available in 10°, 15°, 20°, 25°, 30° and 35° slopes.

PERFORMANCE

Narrow Flood at 0°
3000k

Delivered Lumens: 6000lm

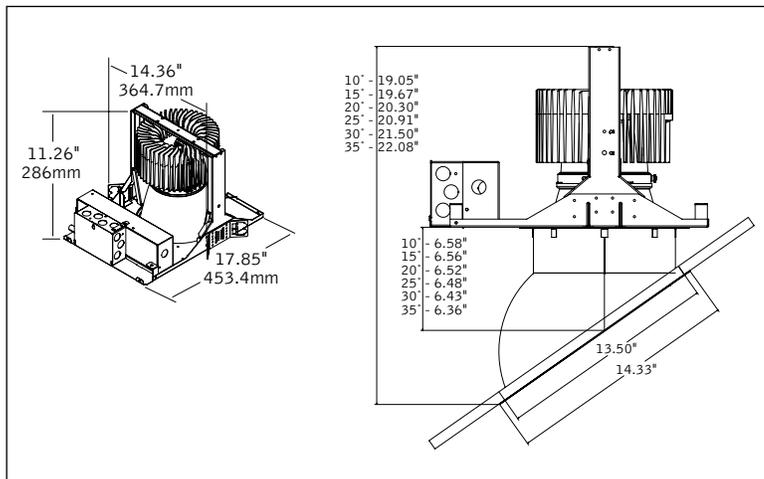
Total System Watts: 72W

PRODUCT OVERVIEW

Lumen Output:	4000-7000lm
Wattage:	45-101W
LPW:	66-89
SDCM:	3
Lumen	L70 @
Maintenance:	109,000hrs

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

HOUSING DETAILS



HOUSING SPECIFICATIONS

LED System

Proprietary array incorporates premium LEDs on a robust platform. Aluminum heat sink provides appropriate thermal management.

LED Module

Module may be specified in 3000K, 3500K or 4000K, CRI>80. Color accuracy within 2 SDCM. Cree LED features EasyWhite technology for maximum efficacy, color consistency and optical control.

Construction

Thermally protected housing for new construction applications. Insulation to be kept 3" away from housing. Butterfly brackets allow mounting to 1/2 emt. Die-cast aluminum heat sink designed for maximum thermal dissipation. Die-formed housing and integral junction box with (7) 1/2" pry outs. Standard accommodates ceiling thicknesses up to 1" standard, field adjustable up to 3" thickness. Sloped Ceiling accommodates ceiling thicknesses up to 1". For thicker ceiling consult factory. 18" O.C. fixture to wall and 36" O.C. fixture to fixture spacing required. Unit weight: 17.4 lbs.

Electrical

Choice of constant current dimming drivers. Power factor > .9 typical.

Emergency Battery

Bodine BSL17-C2. Emergency output—7W for 90 minutes for all available models.

Labels

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

Lumen Maintenance

Calculated: L70 at 109,000 hours
Derived from EPA TM-21 calculator

Reported: L70 at >37,000 hours

Warranty

LED System rated for operation in ambient environments up to 45°C. 5-year limited warranty.

TRIM SPECIFICATIONS

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. Sloped Ceiling adaptor is .055 spun aluminum self-flanged painted white.

Optics

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

PERFORMANCE CHART

See page 3

HOUSING ORDERING

Housing Series	_____	FL8H
ID+ 8" Round	FL8H	
Trim Type	_____	RO
Round Overlap	RO	
Lumen Output	_____	
4000 Lumens	4000L	
5000 Lumens	5000L	
6000 Lumens	6000L	
7000 Lumens	7000L	
Color Temperature	_____	
3000K	30K	
3500K	35K	
4000K	40K	
Distribution	_____	
Narrow Flood	NFL	
Flood	FL	
Wide Flood	WFL	
Very Wide Flood	VWFL	
Voltage	_____	
120V	120	
277V	277	
Driver	_____	
0-10V - 1% Dimming	L11	
0-10V - 0% Dimming	LZ1	
DALI - 1% Dimming	D11	
DMX/RDM - 1% Dimming	X11	
Housing Type	_____	T
Thermally Protected, Non-IC	T	
Factory Options	_____	
Chicago Plenum	CP	
Emergency Battery Pack with Remote Test Switch <small>(Above ceiling access only, Not available with Sloped Ceiling Kits.)</small>	EMR	
TRIM ORDERING	_____	
Aperture	_____	L8H
8" Round Reflector	L8H	
Trim Type	_____	RD
Round	RD	
Optic	_____	DN
Downlight	DN	
Color	_____	CD
Clear Diffuse	CD	
Flange Finish	_____	
Non-Painted	NP	
White Painted	WP	

ACCESSORIES

(Leave blank for standard ceiling applications)

10° Sloped Ceiling Kit	FL8H-10SC	_____
15° Sloped Ceiling Kit	FL8H-15SC	_____
20° Sloped Ceiling Kit	FL8H-20SC	_____
25° Sloped Ceiling Kit	FL8H-25SC	_____
30° Sloped Ceiling Kit	FL8H-30SC	_____
35° Sloped Ceiling Kit	FL8H-35SC	_____

A complete unit consists of two or three line items, housing, trim and optional accessories
Example: FL8H-RO-6000L-30K-NFL-120-L11-T | L8H-RD-DN-CD-NP | FL8H-25SC

PERFORMANCE CHART

Optic	Delivered Lumens	System Watts	Distribution	Beamspread	Center Beam Candlepower (CBCP)
Downlight	4000 Lumens	45	NFL	30°	12553
		48	FL	40°	6665
		51	WFL	50°	5298
		52	VWFL	60°	4565
	5000 Lumens	58	NFL	30°	15503
		62	FL	40°	8328
		66	WFL	50°	6615
		67	VWFL	60°	5704
	6000 Lumens	72	NFL	30°	18120
		76	FL	40°	10003
		82	WFL	50°	7942
		83	VWFL	60°	6844
	7000 Lumens	87	NFL	30°	21154
		92	FL	40°	11631
		99	WFL	50°	9278
		101	VWFL	60°	7967

*Tested with 3000K, Clear Diffuse Reflector. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%