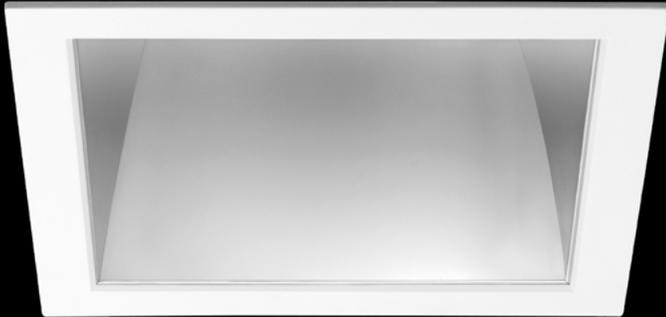


ID+ 6" x 6"

LED HIGH CEILING DOWNLIGHT

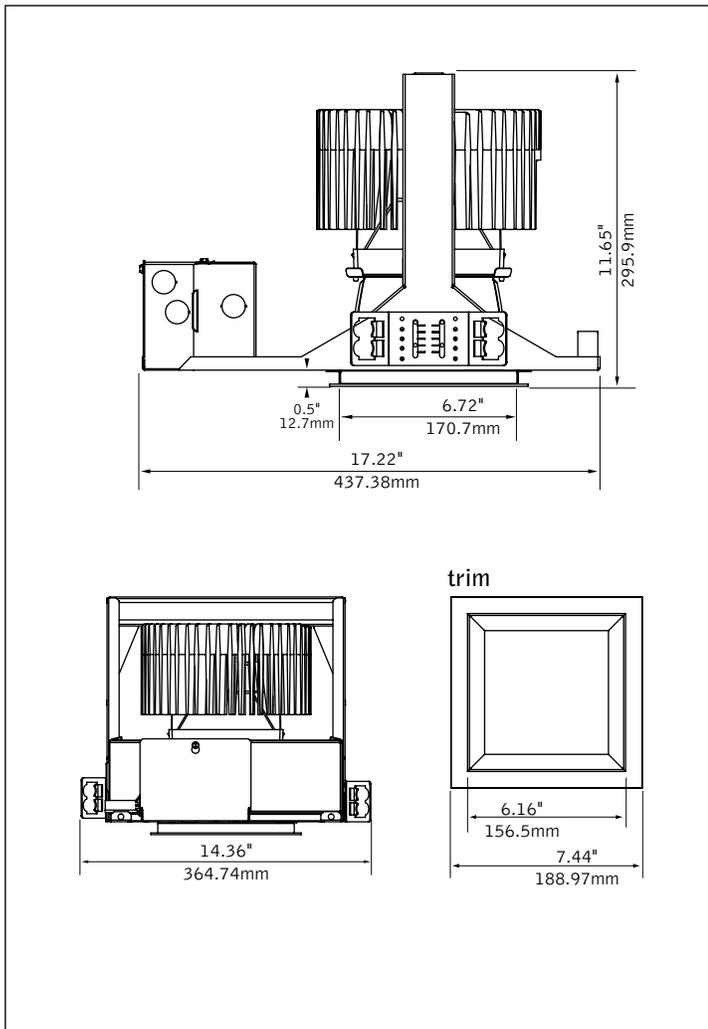


FOCAL POINT®



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 33°, 46°, 55° and 65° beams offer design flexibility.

Selection of dimming drivers available.

Passive cooling allows silent operation.

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

PERFORMANCE

PRODUCT OVERVIEW

Lumen Output:	4000-6000lm
Wattage:	58-101W
LPW:	56-69
SDCM:	2
Lumen	L90 @
Maintenance:	100,000hrs

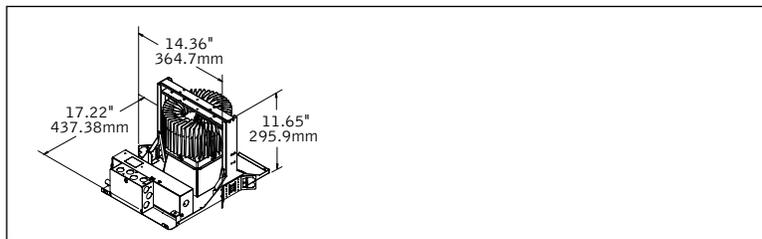
**Narrow Flood at 0°
3500k**

Delivered Lumens: 6000

Total System Watts: 95W

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

HOUSING DETAIL



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. Accommodates ceiling thicknesses up to 1" standard, field adjustable up to 3" thickness. For thicker ceiling consult factory. 18" O.C. fixture to wall and 36" O.C. fixture to fixture spacing required.

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: L90 at 100,000 hours Reported: L90 at >37,000 hours
 Derived from EPA TM-21 calculator

Warranty

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

TRIM SPECIFICATIONS

Aesthetics

Parabolic reflector ensures glare free optics. Torsion springs pull trim tight to the ceiling with no visible fasteners within the trim. One piece die-cast construction creates seamless integration with reflector eliminating mitered corners. Die-cast flange maintains tight fit of reflector corners. SmartLock™ clip allows for quick removal and re-assembly of trim components for field painting.

Optics

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

PERFORMANCE CHART

See page 3

HOUSING ORDERING

Housing Series	FL66H	FL66H
ID+ 6" Square	FL66H	
Trim Type		SO
Square Overlap	SO	
Lumen Output		
4000 Lumens	4000L	
5000 Lumens	5000L	
6000 Lumens	6000L	
<small>(NFL & FL distributions only.)</small>		
Color Temperature		
3000K	30K	
3500K	35K	
4000K	40K	
Distribution		
Narrow Flood	NFL	
Flood	FL	
Wide Flood	WFL	
<small>(4000L & 5000L only.)</small>		
Very Wide Flood	VWFL	
<small>(4000L & 5000L only.)</small>		
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	EMR	
<small>(Above ceiling access only)</small>		
TRIM ORDERING		
Aperture		L66H
6" Square Reflector	L66H	
Trim Type		SQ
Square	SQ	
Optic		DN
Downlight	DN	
Color		CD
Clear Diffuse	CD	
Flange Finish		
White	WH	
Black	BK	
Titanium Silver	TS	
Aluminum Raw	AL	

A complete unit consists of two line items, housing and trim
 Example: FL66H-SO-4000L-30K-NFL-120-L11-T | L66H-SQ-DN-CD-WH

PERFORMANCE CHART

Optic	Delivered Lumens	System Watts	Distribution	Beamspread	Center Beam Candlepower (CBCP)
Downlight	4000 Lumens	58	NFL	33°	11139
		64	FL	46°	5905
		66	WFL	55°	4479
		69	VWFL	65°	3512
	5000 Lumens	75	NFL	33°	13961
		84	FL	46°	7402
		86	WFL	55°	5595
		90	VWFL	65°	4394
	6000 Lumens	95	NFL	33°	17199
		101	FL	46°	8883

*Tested with 3500K, Clear Diffuse Reflector. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%