

# id<sup>®</sup> 4.5" x 4.5"

LED - REMOTE PHOSPHOR EMERGENCY DECORATIVE LENS



clear



open lens



solid lens

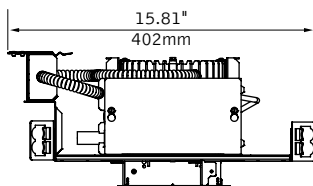
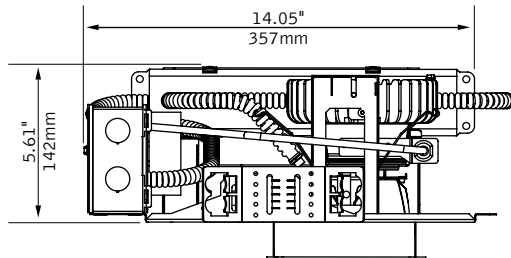


green tint

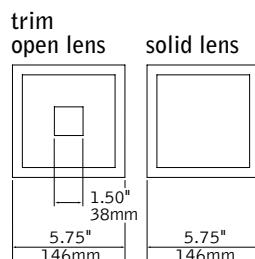
## DIMENSIONAL DATA

### decorative lens downlight integral test switch

(EM) – above ceiling access

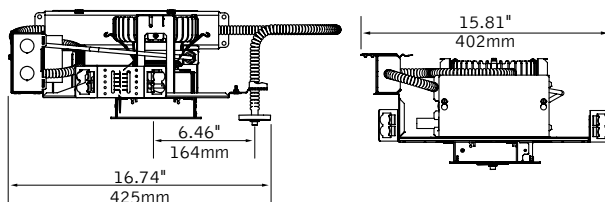


note: FL44F & FL44FT housing heights are 8.00".



### decorative lens downlight remote test switch

(EMR) – above ceiling access



## FEATURES

Solid Frosted Lens provides a soft glow while the Open Frosted Lens with polished edge provides a unique visual aesthetic.

LED module features remote phosphor technology enabling a high system efficacy and minimum 80 CRI.

Battery pack delivers emergency light levels and is compatible with all available LED modules. Integral or remote test switch available.

Flicker-free 0-10V analog dimming capability standard.

Housing design allows die-cast trim flange to rotate to align with architecture and adjacent luminaires, a fixed option is also available.

## PERFORMANCE

### PRODUCT OVERVIEW

Lumen Output:	845-1538lm
Wattage:	19-29W
LPW:	44-53
SDCM:	3
Lumen Maintenance:	L70 @ 50,000hrs

Clear lens with 1.5" opening  
3000k, 1500 Lumen LED  
Module

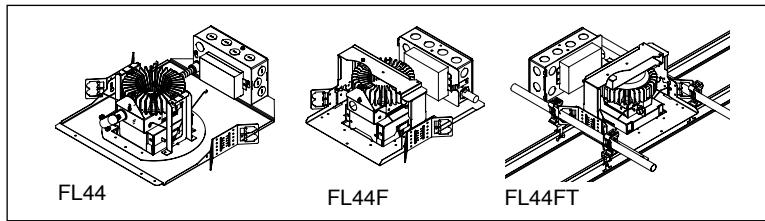
**Delivered Lumens: 1161lm**  
**Total System Watts: 21W**

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

fixture:

project:

**HOUSING TYPES** (non-emergency luminaires shown)



**HOUSING SPECIFICATIONS**

**LED System**

Powered by Philips' Fortimo™ LED DLM, Advance Xitanium LED driver and communication cable. Aluminum heat sink provides appropriate thermal management.

**LED Module**

Philips' Fortimo™ LED DLM features patented remote phosphor technology for superior efficacy and color consistency. Module may be specified in 3000K or 3500K, CRI>80.

**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. Accommodates ceiling thicknesses up to 1" (FL44) or 2" (FL44F/FL44FT). FL44FT housing includes mounting clips to integrate between 6" on center tees. Fixture will not exceed 5 lb. 18" O.C. fixture to wall and 36" O.C. fixture to fixture spacing required.

**Electrical**

Advance Xitanium multi-volt 120V-277V constant current driver includes standard 0-10V analog dimming. Power factor >.9 typical, 50/60Hz., 200-700mA. "Thermal Guard" offers protection from overheating in abnormal conditions; driver will dim DLM if necessary. Voltage specific thermal protectors included standard.

**Emergency Battery**

Bodine BSL17C-C2. Emergency output—660 module lumens for all available models.

**Dimming**

0-10V DC low voltage dimming capability is included with the standard Advance Xitanium driver. Dimming range is to 10% light output, some dimmers may require high and/or low end trim adjustment for proper function.

**Labels**

UL and cUL listed. Suitable for Dry or Damp Locations, indoor use only. Solid lensed trims suitable for Wet Location.

**Lumen Maintenance**

L70 at 50,000 hours

**Warranty**

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

**TRIM SPECIFICATIONS**

**Aesthetics**

High reflectance white lower reflector fastened to frosted .220" thick acrylic. Available colors include clear or green. Reflector attaches to die-cast, seamless flange that may be removed for field painting. Torsion springs pull trim tight to the ceiling. Trim position rotates up to 110° for alignment with architecture and adjacent fixtures (FL44).

**PERFORMANCE CHART**

	Nominal Output	Color Temp	System Watts	Delivered Lumens	LPW
Open Lens	11LED	3000K	16	851	44.8
	15LED	3000K	21	1161	52.8
	20LED	3000K	29	1548	46.9
Solid Lens	11LED	3000K	16	845	44.5
	15LED	3000K	21	1153	52.4
	20LED	3000K	29	1538	46.6

\*Based on Clear Diffuse reflector cone. Rated Output is the same for all color temps. Wattage reduction with other color temps. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

**HOUSING ORDERING**

<b>Housing Series</b>	_____
ID LED Square with rotating trim alignment feature	FL44
ID LED Square with fixed aperture	FL44F
ID LED Square for mounting between 6" on center tees <small>(Not recommended with single-tile spacing between fixtures due to ceiling tile interference)</small>	FL44FT
<b>Trim Type</b>	_____
Square Overlap	SO
Square Flush	SF
<b>Nominal Output</b>	_____
1100 Lumen LED Module	11LED
1500 Lumen LED Module	15LED
2000 Lumen LED Module	20LED
<b>Color Temperature</b>	_____
3000K	30K
3500K	35K
<b>Voltage</b>	_____
120V	120
277V	277
<b>Driver</b>	_____
0-10V Dimming	LD1
Lutron A-Series - 1% EcoSystem Digital <small>(consult factory for 3-wire control)</small>	L3D
<b>Housing Type</b>	<b>T</b>
Thermally Protected, Non-IC	T
<b>Factory Options</b>	_____
Bar Hangers <small>(FL44, FL44F only)</small>	BH
Emergency Battery Pack with Integral Test Switch <small>(Above ceiling access.)</small>	EM
Emergency Battery Pack with Remote Test Switch <small>(Above ceiling access.)</small>	EMR
<b>TRIM ORDERING</b>	_____
<b>Aperture</b>	<b>L44</b>
4.5" Square Reflector	L44
<b>Trim Type</b>	<b>SQ</b>
Square <small>(Compatible with SO and SF housings)</small>	SQ
<b>Optic</b>	_____
Solid Lens, Clear	C
Solid Lens, Green Edge Tint	G
Lens with 1.5" Opening, Clear	OC
Lens with 1.5" Opening, Green Edge Tint	OG
<b>Flange Finish</b>	_____
White	WH
Black	BK
Titanium Silver	TS
Aluminum Raw	AL

A complete unit consists of two line items, housing and trim  
Example: FL44-SO-15LED-30K-120-LD1-T-EM | L44-SQ-OC-WH

