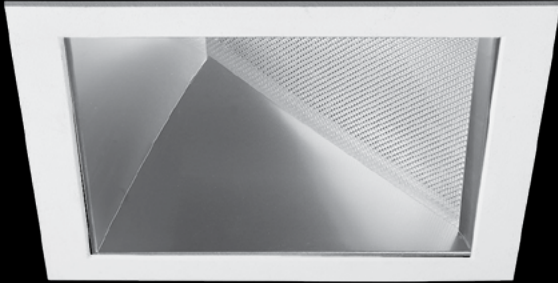
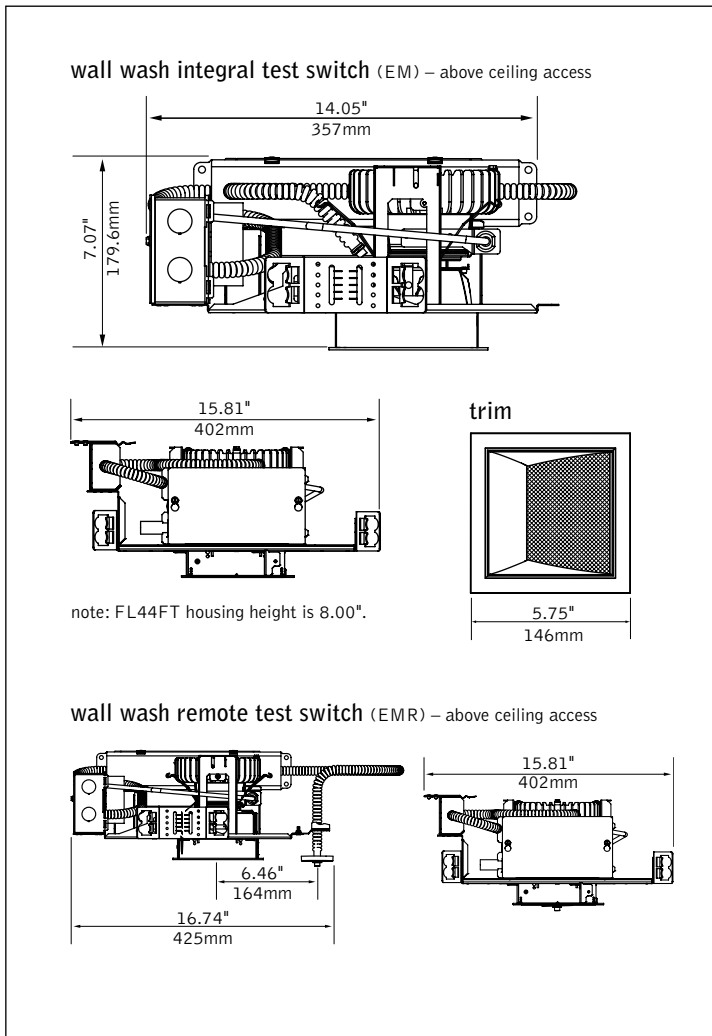


# id<sup>®</sup> 4.5" x 4.5"

LED - REMOTE PHOSPHOR EMERGENCY WALL WASH



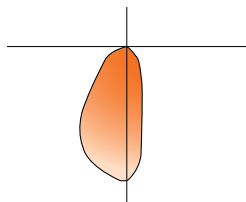
## DIMENSIONAL DATA



## FEATURES

- 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.
- Angled MicroGlow lens redirects light to deliver asymmetric distribution.

## PERFORMANCE



**PRODUCT OVERVIEW**

Lumen Output: 751-1308lm

Wattage: 16-29W

LPW: 46


SDCM: 3

Lumen Maintenance: L70 @ 50,000hrs

Clear Diffuse Reflector  
3000k, 1500 Lumen LED  
Module

**Delivered Lumens: 966lm**

**Total System Watts: 21W**



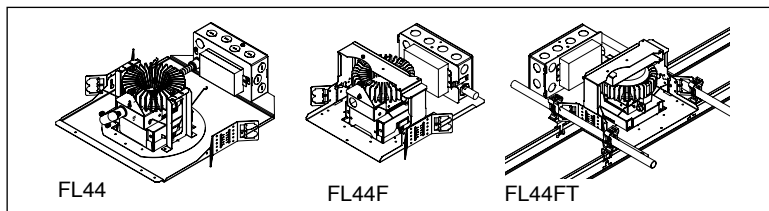
Photometric performance is measured in accordance with IESNA LM-79. Visit focalpointlights.com for complete photometric data.

fixture:

project:

## HOUSING TYPES

(Non-Emergency luminaires shown. Note: Wall wash must be positioned perpendicular to length of technical zone.)



## 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 ½ 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.

### 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

Die-formed aluminum reflector ensures glare free optics. Reflector attaches to die-cast, seamless flange and may be removed for field painting. Torsion springs pull trim tight to the ceiling with no visible fasteners within the trim. Trim position rotates up to 110° for fine adjustment (FL44).

### Optics

Wall wash features high reflectance white kicker reflector and micro prism tempered glass diffuser to provide smooth illumination down the wall.

## PERFORMANCE CHART

Nominal Output	Color Temp	System Watts	Delivered Lumens	LPW
11LED	3000K	16	751	46.0
15LED	3000K	21	966	46.1
20LED	3000K	29	1308	45.6

\*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 <small>(FL44 &amp; FL44F only)</small>	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	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>		<b>WWMG</b>
Wall Wash with MicroGlow Lens <small>(Wet location)</small>	WWMG	
<b>Color</b>		
Clear Diffuse	CD	
Warm Diffuse	WD	
Silver Talc Diffuse	TD	
<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-WWMG-CD-WH



# id<sup>®</sup> 4.5" x 4.5"

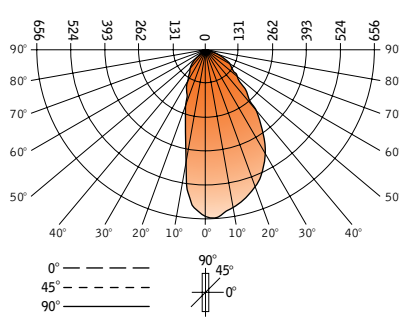
LED WALL WASH

## FL44-SO-11LED-L30-120-LD1-T / L44-SQ-WWMG-CD

Filename: FL44WWCD11LEDL30.IES  
Test #: 101418870CHI-021

Lumens: 750lm  
System Watts: 16W  
LPW: 47

### CANDELPWER DISTRIBUTION



Vertical Angle	Horizontal Angle				
	0°	22.5°	45°	67.5°	90°
0°	653	653	653	653	653
5°	651	654	656	655	648
15°	600	605	612	611	584
25°	531	534	528	495	400
35°	384	411	390	312	206
45°	516	558	557	179	106
55°	147	140	130	88	62
65°	99	90	72	46	32
75°	47	40	25	19	12
85°	5	5	4	3	2
90°	0	0	0	0	0

### LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	364.1	48.5
0-40°	513.3	68.4
0-60°	688.4	91.7
0-90°	750.4	100.0
<b>Total Luminaire</b> 0-180°	<b>750.5</b>	<b>100.0</b>

Go to [www.focalpointlights.com](http://www.focalpointlights.com) for additional photometric data.

# id<sup>®</sup> 4.5" x 4.5"

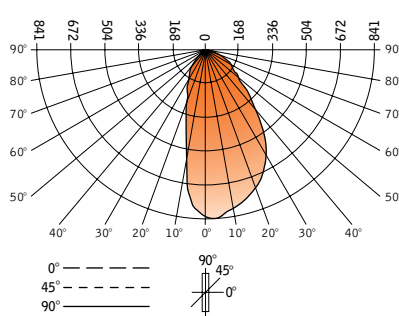
LED WALL WASH

## FL44-SO-15LED-L30-120-LD1-T / L44-SQ-WWMG-CD

Filename: FL44WWCD15LEDL30.IES  
Test #: 101418870CHI-022

Lumens: 966lm  
System Watts: 21W  
LPW: 46

### CANDELPWER DISTRIBUTION



Vertical Angle	Horizontal Angle				
	0°	22.5°	45°	67.5°	90°
0°	837	837	837	837	837
5°	835	839	841	840	831
15°	770	776	786	784	748
25°	683	686	678	636	512
35°	498	529	502	403	264
45°	280	294	293	229	139
55°	189	180	168	116	79
65°	128	115	92	60	41
75°	61	52	32	24	16
85°	7	6	5	4	3
90°	0	0	0	0	0

### LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	467.5	48.4
0-40°	659.8	68.3
0-60°	885.8	91.7
0-90°	965.9	100.0
<b>Total Luminaire</b> 0-180°	<b>965.9</b>	<b>100.0</b>

Go to [www.focalpointlights.com](http://www.focalpointlights.com) for additional photometric data.

# id<sup>®</sup> 4.5" x 4.5"

LED WALL WASH

## FL44-SO-20LED-L30-120-LD1-T / L44-SQ-WWMG-CD

Filename: FL44WWCD20LEDL30.IES

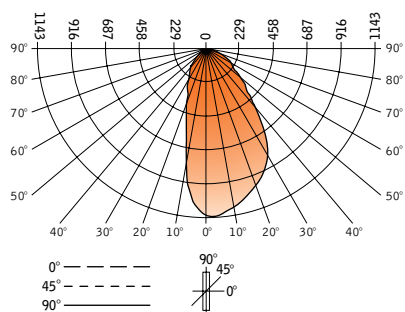
Lumens: 1308lm

Test #: 101418870CHI-022

System Watts: 29W

LPW: 45

### CANDELPower DISTRIBUTION



Vertical Angle	Horizontal Angle				
	0°	22.5°	45°	67.5°	90°
0°	1133	1133	1133	1133	1133
5°	1131	1139	1143	1139	1125
15°	1112	1123	1130	1131	1112
25°	929	939	926	862	687
35°	676	726	686	544	354
45°	380	402	399	309	185
55°	255	245	227	155	107
65°	172	157	125	80	56
75°	80	70	44	33	21
85°	9	9	6	5	3
90°	1	1	1	1	1

### LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	632.8	48.4
0-40°	893.5	68.3
0-60°	1199	91.7
0-90°	1307.1	100.0
<b>Total Luminaire</b> 0-180°	<b>1307.6</b>	<b>100.0</b>

Go to [www.focalpointlights.com](http://www.focalpointlights.com) for additional photometric data.