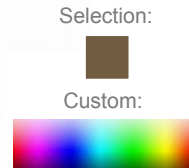
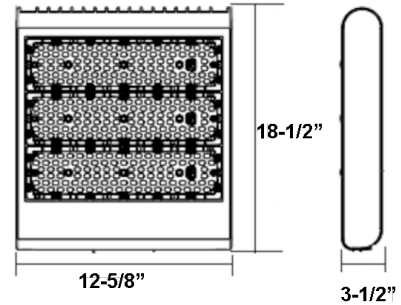


# LF3-HL SERIES Outdoor Lighting

LF3-HL-230W-40K-480V  
LF3-HL-230W-50K-480V



Customer Name: \_\_\_\_\_  
Project Name: \_\_\_\_\_  
Note: \_\_\_\_\_ Type: \_\_\_\_\_



18-1/2"(H) x 12-5/8"(W) x 3-1/2"(D)

Ideal for general site lighting, alleys, loading docks, doorway, pathway, and parking areas.

## Features

- DLC Premium & LED High-Lumen Floor lights
- Solid State Lighting Technology for Long Life
- No Maintenance Needed and High-Efficiency
- 70,000 Hours Rated Life
- 7-Year Warranty
- Lens: TYPE II, III and IV Optic Lens

## Technical Specifications

### Electrical:

- Voltage: 480V
- Wattage: 230W
- Power Factor: >0.9
- Efficacy: 130~134 LPW

### Mechanical:

- With Snap-on & Bolt Mounting Options for One-Person Installations. Select a Mounting Option (Sold Separately)
- Die-cast Aluminum Housing with Powder Coat Finish (Dark Bronze)
- IP Rating: IP65
- Effective Projected Areas (EPA's) are:  
Front = 0.38 ft<sup>2</sup>, Side = 0.40 ft<sup>2</sup>, Face = 1.45 ft<sup>2</sup>
- Operating Temperature: -40°F to 104°F
- Suitable for Wet Locations

### Lighting:

- Dimming: 0~10V dimmable
- Optic Lens Type: III (Type II with "U" Bracket)
- LED: Lumileds Luxeon 3030 High Flux LED
- Cord Type: 6' SJTW 18/3 AWG cable
- Total Lumens: 30000LM
- Color Temperature: 4000K/ 5000K
- Color Rendering index: ≥ 82
- Beam Angle:  
Type 2=120°X90° | Type 3=140° x80° | Type 4=140°x100°

### Applications:

- Ideal for general site lighting, alleys, loading docks, doorway, pathway and parking areas.
- Replace existing HID flood lights/ wall packs

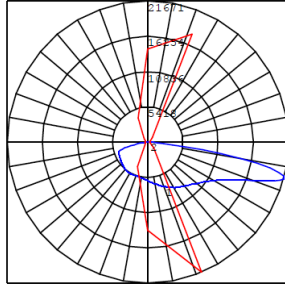
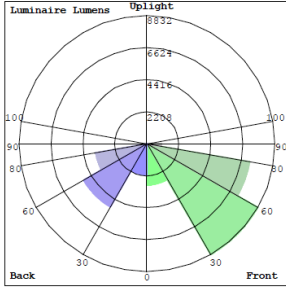
### Other Models:

- 40W | 13200LM | LF3-HL-100W-40K-480V
- 40W | 20680LM | LF3-HL-150W-40K-480V
- 40W | 39000LM | LF3-HL-300W-40K-480V
- 50W | 13300LM | LF3-HL-100W-50K-480V
- 50W | 20680LM | LF3-HL-150W-50K-480V
- 50W | 39000LM | LF3-HL-300W-50K-480V

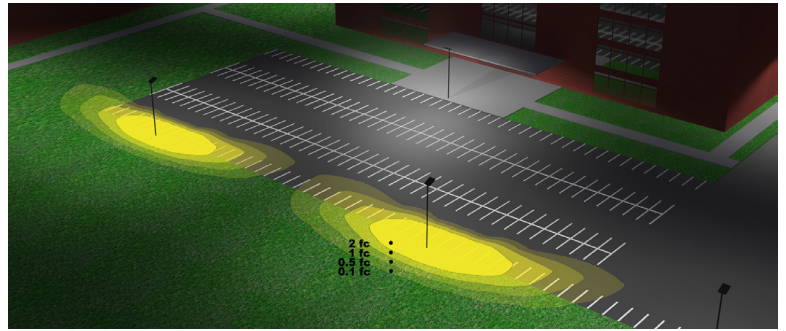


# Photometrics: LF3-HL-230W-480V

TYPE III (TYPE II & TYPE IV see page 4)

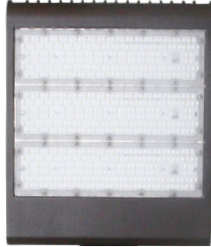


BUG Rating: B4-U0-G5



Area 100'x 215' Mounting Height: 20'

## Other Views:



Front View



Side View



Back View

## Performance Table: LF3-HL-230W-480V

MODEL NO.	Wattage	Voltage	Lumens	Color Temp.	BUG Rating	LPW
LF3-HL-230W-40K	230W	480V	30000LM	4000K	B4-U0-G5	130
LF3-HL-230W-50K	230W	480V	30000LM	5000K	B4-U0-G5	130

## Sample Ordering

**Model**    **Wattage**    **Color Temp.**  
 -  -  -  -   
 40K = 4000K  
 50K = 5000K

## Accessories Options

Blank = No Option for Accessories  
 WEC-7RC = Remote Control for OPT-SEN-3MR-4  
 \*REFER TO PAGE 3 FOR MOUNTING OPTIONS

## Factory-Installed Options

Blank = No Factory Installed Options  
 OPT-LF3-PCK = Twist Lock Photocell  
 OPT-SEN-3MR-3 = Programmable Microwave BI-Level  
 OPT-TLSOC7P = 7-Pin Receptacle Kit to accept Smart Control Twist-Lock Photocell (Photocell not incl.) (Shorting Cap incl.)  
 OPT-CLR-95 = Color Paint

## Example:

- LF3-HL-230W-40K-480V (For LF3 230W 4000K fixture 480V)
- LF3-HL-230W-40K-480V WEC-7RC (For LF3 230W 4000K fixture 480V) (For Remote Control)
- LF3-HL-230W-40K-480V WEC-7RC OPT-SEN-3MR-3 (For LF3 230W 4000K fixture 480V) (For Remote Control) (For Programmable Microwave BI-Level Motion Sensor)

## SENSOR AND REMOTE CONTROL OPTIONS



LF3-HL-PCK  
Twist-Lock  
Photocell + Receptacle Kit



OPT-SEN-3MR-3  
Bi-Level Motion  
Sensor



WEC-7RC  
Remote control



OPT-TLSOC7P  
Smart Control  
7-Pin Receptacle Kit  
(Photocell not incl.)  
(Shorting Cap incl.)



Smart Control  
7-Pin Receptacle Kit  
for  
OPT-TLSOC7P



**Mounting Options:** Refer to Mounting Spec Sheet for Detail



**LF3-HL-SF**

Adjustable Slip Fitter for Pole Mount 2" - 2 1/2"



**LF3-HL-YK**

Yoke  
6 1/2" (W) x 5 3/4" (H)



**LF3-HL-EXTARM**

Straight extension arm for shoe box application  
3 3/4" (W) x 7 1/6" (H)



**OPT-LF3-HL-TR**

"U" Bracket  
13 1/4" (W) x 7 3/4" (H)



**LF3-HL-RA**

Rectangular Arm  
3 3/4" (W) x 8 4/5" (H)



**LF3-HL-FSF**

Fixed Slip Fitter for Pole Mount 2" - 2 1/2"



**LF3-HL-ASA**

Adjustable Straight Arm  
2 1/4" (W) x 8 3/4" (H)



**LF3-HL-RSF**

Modern Adjustable Slip Fitter for Pole Mount 2" - 2 1/2"



**LF3-WMA + LF3-HL-RA**

Spaced Straight Surf. Mount  
5 1/4" (W) x 9" (H)



**LF3-WMA + LF3-HL-EXTARM**

Straight Surf. Mount  
5 1/4" (W) x 7 1/3" (H)



**LF3-WMA + LF3-HL-ASA**

Adjustable Surf. Mount  
5 1/4" (W) x 8 1/2" (H)



**LF3-WMA + LF3-HL-RA**

Close-to-Wall Surf. Mount  
5 1/4" (W) x 2 1/2" (H)



**LF3-HL-PMR**

Round Pole Mount  
6 1/4" (W) x 7" (H)



**LF3-HL-PMS**

Square Pole Mount  
6 1/4" (W) x 7 1/4" (H)

**Shroud & Wire Guard:** LF3-HL-230W



**LF3-SH4**

Shroud (Reversible)



**LF3-SH4FG**

Full Glare shroud



**LF3-WG4**

Wire Guard

**Color Option:** LF3-HL-230W

Custom color available

Black Silver White Dark Bronze Green Red Yellow  
Default color





## Lens Type Specifications:

- Optical PC Precision lenses designed for Westgate LF3 Series Flood Lights
- These lenses are replaceable by the factory or field replaced by installers

## Lens Type Options:

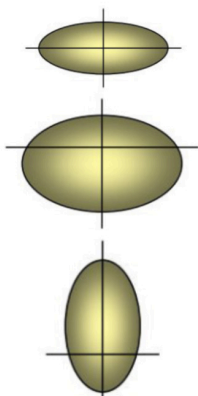


LF3-HL-TYPEII-230W = TYPE 2 lens for LF3-HL series 230W (3/Order)  
 LF3-HL-TYPEIII-230W = TYPE 3 lens for LF3-HL series 230W (3/Order)  
 LF3-HL-TYPEIV-230W = TYPE 4 lens for LF3-HL series 230W (3/Order)

## Lens Type Explained

SELECTING THE BEST DISTRIBUTION TYPE FOR YOUR OUTDOOR PROJECT

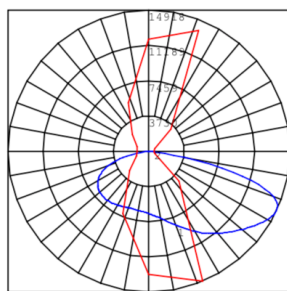
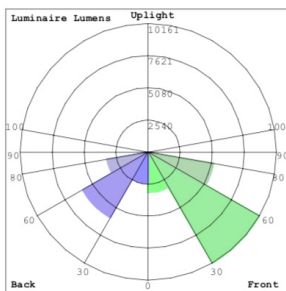
- “Distribution Type” defines how far forward of the luminaire (i.e., on the StreetSide) the effective output reaches



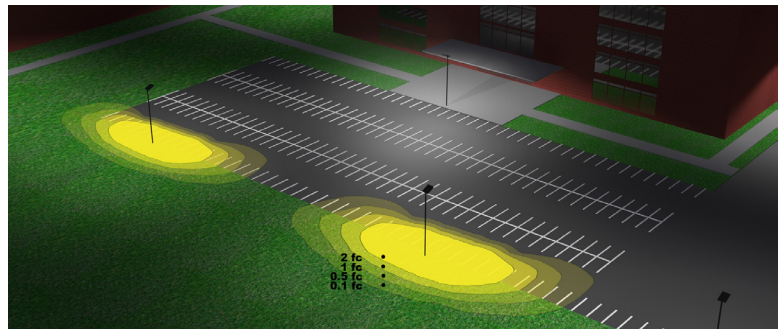
- Type 2 is still linear but wider in the front to accommodate 4 lane roadways or wider drive lanes
- Type 3 (commonly known as a “Bat-Wing”) is suitable for perimeters, often where other interior pole placements fill the site
- Type 4 (commonly known as a “Forward Throw” or Asymmetric) Is best along perimeters where spill light is a concern or there are no place to add poles within a site

## Photometrics: LF3-HL-230W-480

### TYPE II

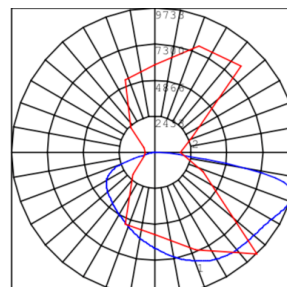
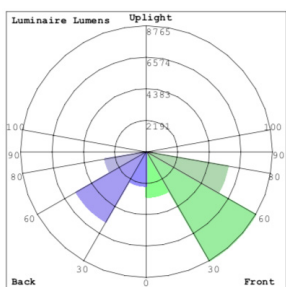


BUG Rating: B4-U0-G4

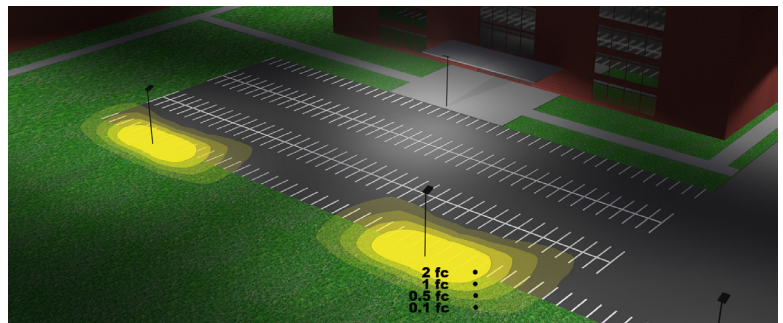


Area 90'x 180' Mounting Height: 20'

### TYPE IV



BUG Rating: B4-U0-G4



Area 113'x 155' Mounting Height: 20'

