

LF3-HL SERIES

Outdoor Lighting

WESTGATE
THE FUTURE IS HERE...AND IT'S QUITE BRIGHT!

LF3-HL-230W-30K
LF3-HL-230W-40K
LF3-HL-230W-50K



Selection:



Custom:

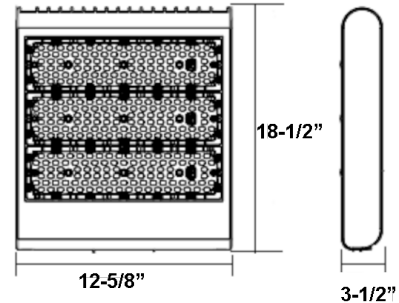


Customer Name: _____

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: 120~277VAC/50~60 Hz
- 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 ft², Side = 0.40 ft², Face = 1.45 ft²
- 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: 29600LM/ 30000LM
- Color Temperature: 3000K/ 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:

- | | | | |
|------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| • 30W 10400LM LF3-HL-80W-30K • | • 30W 13000LM LF3-HL-100W-30K • | • 30W 19700LM LF3-HL-150W-30K • | • 30W 37300LM LF3-HL-300W-30K • |
| • 40W 10700LM LF3-HL-80W-40K • | • 40W 13200LM LF3-HL-100W-40K • | • 40W 20680LM LF3-HL-150W-40K • | • 40W 39000LM LF3-HL-300W-40K • |
| • 50W 11200LM LF3-HL-80W-50K • | • 50W 13300LM LF3-HL-100W-50K • | • 50W 20680LM LF3-HL-150W-50K • | • 50W 39000LM LF3-HL-300W-50K • |

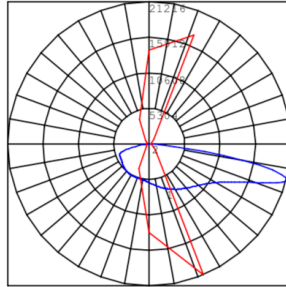
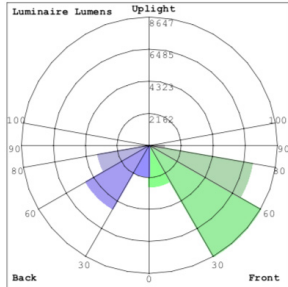


Phone: (877) 805-2252 | Fax: (877) 805-2252
www.westgatemfg.com | www.westgatecontrols.co

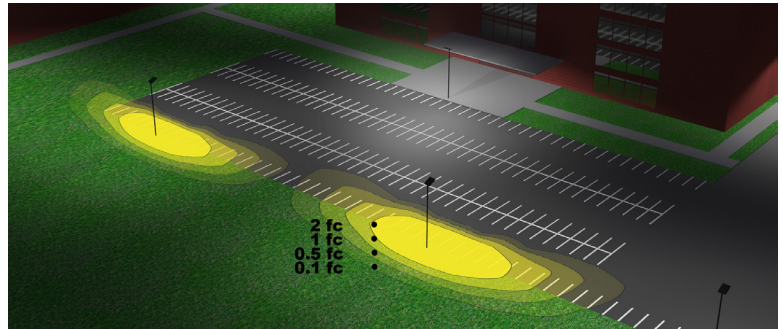


Photometrics: LF3-HL-230W

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

MODEL NO.	Wattage	Voltage	Lumens	Color Temp.	BUG Rating	LPW
LF3-HL-230W-30K	230W	120~277V	29600LM	3000K	B4-U0-G5	128
LF3-HL-230W-40K	230W	120~277V	30000LM	4000K	B4-U0-G5	130
LF3-HL-230W-50K	230W	120~277V	30000LM	5000K	B4-U0-G5	130

Sample Ordering

Model Wattage Color Temp.

LF3 - HL - 230W -

30K = 3000K
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

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

Example:

1. LF3-HL-230W-30K (For LF3 230W 3000K fixture 120V-277V)
2. LF3-HL-230W-30K WEC-7RC (For LF3 230W 3000K fixture 120V-277V) (For Remote Control)
3. LF3-HL-230W-30K WEC-7RC OPT-SEN-3MR-3 (For LF3 230W 3000K fixture 120V-277V) (For Remote Control) (For Programmable Microwave BI-Level Motion Sensor)

WESTGATE

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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

Customize 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:

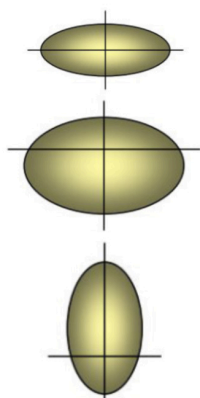


LF3-HL-TYPEII-230W = TYPE 2 lens for LF3-HL series 230W (3/Order)
LF3-HL-TYPEIII-230W = TYPE 3 lens for LF3-HL series 230W (3/Order)
LF3-HL-TYPEIV-230W = TYPE 4 lens for LF3-HL series 230W (3/Order)

Lens Type Explained

SELECTING THE BEST DISTRIBUTION TYPE FOR YOUR OUTDOOR PROJECT

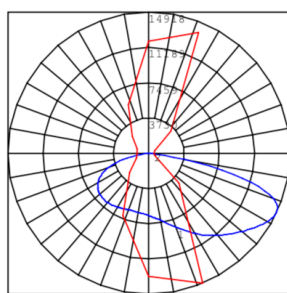
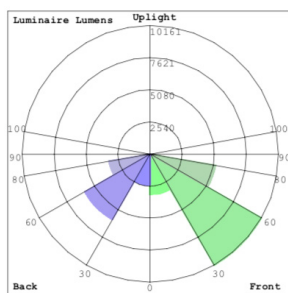
- “Distribution Type” defines how far forward of the luminaire (i.e., on the StreetSide) the effective output reaches



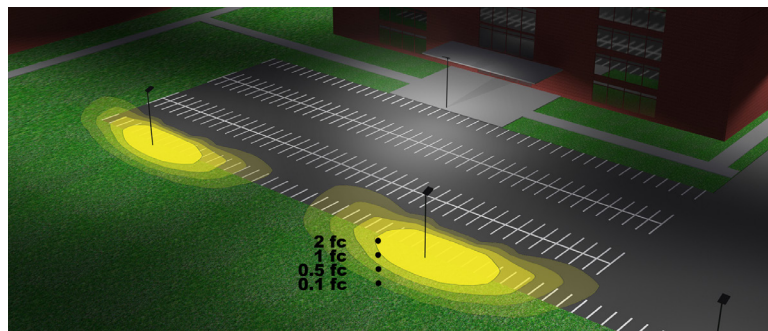
- Type 2 is still linear but wider in the front to accommodate 4 lane roadways or wider drive lanes
- Type 3 (commonly known as a “Bat-Wing”) is suitable for perimeters, often where other interior pole placements fill the site
- Type 4 (commonly known as a “Forward Throw” or Asymmetric) Is best along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

Photometrics: LF3-HL-230W

TYPE II

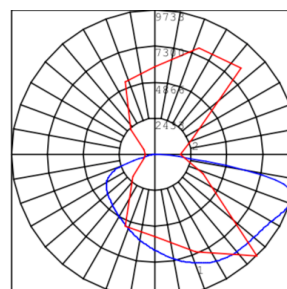
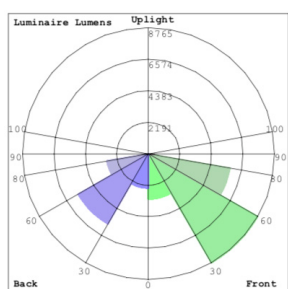


BUG Rating: B4-U0-G4

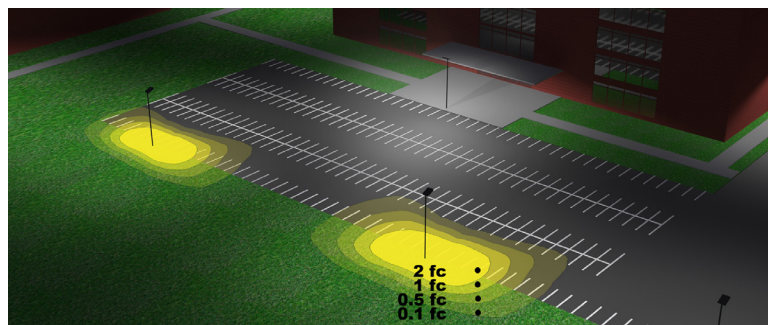


Area 90'x 180' Mounting Height: 20'

TYPE IV



BUG Rating: B4-U0-G4



Area 110'x 149' Mounting Height: 20'

