

LF3-HL SERIES

Outdoor Lighting

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

LF3-HL-100W-30K
LF3-HL-100W-40K
LF3-HL-100W-50K



Selection:



Custom:

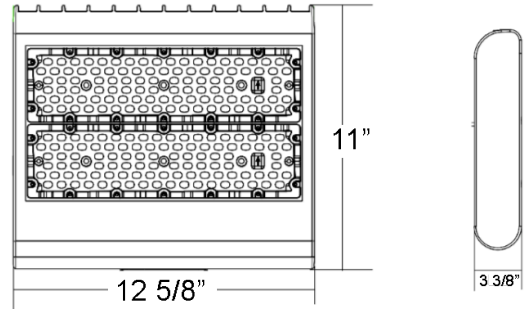


Customer Name: _____

Project Name: _____

Note: _____

Type: _____



11"(H) x 12-5/8"(W) x 3-3/8"(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: 100W
- Power factor: >0.9
- Efficacy: 130 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 = 0.30 ft², Face = 1.05 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: 13000LM/ 13200LM
- 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 19700LM LF3-HL-150W-30K | • 30W 29600LM LF3-HL-230W-30K | • 30W 37000LM LF3-HL-300W-30K |
| • 40W 10700LM LF3-HL-80W-40K | • 40W 20680LM LF3-HL-150W-40K | • 40W 30000LM LF3-HL-230W-40K | • 40W 39000LM LF3-HL-300W-40K |
| • 50W 11200LM LF3-HL-80W-50K | • 50W 20680LM LF3-HL-150W-50K | • 50W 30000LM LF3-HL-230W-50K | • 50W 39000LM LF3-HL-300W-50K |

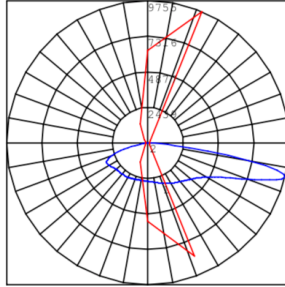
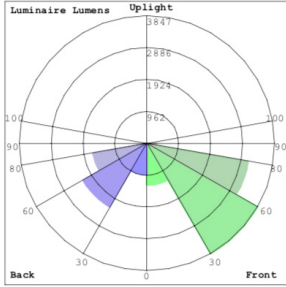


Phone: (877) 805-2252 | Fax: (877) 805-2252
www.westgatemfg.com | www.westgatecontrols.co

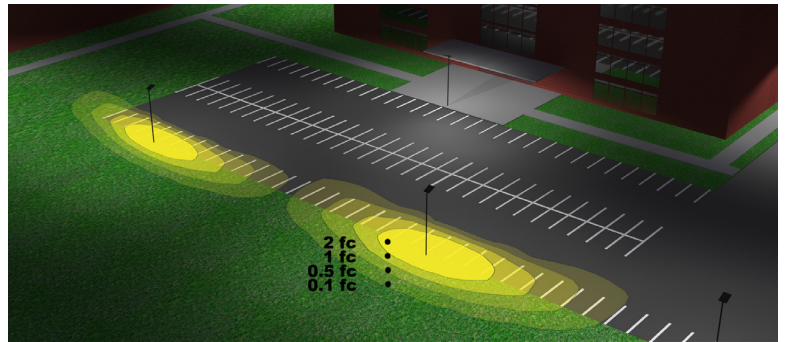


Photometrics: LF3-HL-100W

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



BUG Rating: B3-U0-G3



Area 80'x 170' Mounting Height: 20'

Other Views:



Front View



Side View



Back View

Performance Table: LF3-HL-100W

MODEL NO.	Wattage	Voltage	Lumens	Color Temp.	BUG Rating	LPW
LF3-HL-100W-30K	100W	120~277V	13000LM	3000K	B3-U0-G3	130
LF3-HL-100W-40K	100W	120~277V	13200LM	4000K	B3-U0-G3	132
LF3-HL-100W-50K	100W	120~277V	13200LM	5000K	B3-U0-G3	132

Sample Ordering

Model Wattage Color Temp.

LF3 - HL - 100W -

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

Example:

- LF3-HL-100W-30K (For LF3 100W 3000K fixture 120V-277V)
- LF3-HL-100W-30K WEC-7RC (For LF3 100W 3000K fixture 120V-277V) (For Remote Control)
- LF3-HL-100W-30K WEC-7RC OPT-SEN-3MR-3 (For LF3 100W 3000K fixture 120V-277V) (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-100W



LF3-SH3

Shroud (Reversible)



LF3-SH3FG

Full Glare shroud



LF3-WG3

Wire Guard

Color Option: LF3-HL-100W

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-100W = TYPE 2 lens for LF3-HL series 100W (2/Order)

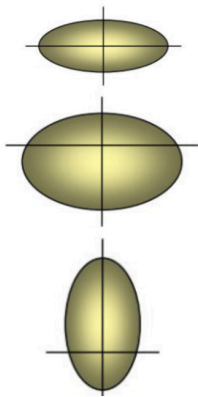
LF3-HL-TYPEIII-100W = TYPE 3 lens for LF3-HL series 100W (2/Order)

LF3-HL-TYPEIV-100W = TYPE 4 lens for LF3-HL series 100W (2/Order)

Lens Type Explained

SELECTING THE BEST DISTRIBUTION TYPE FOR YOUR OUTDOOR PROJECT

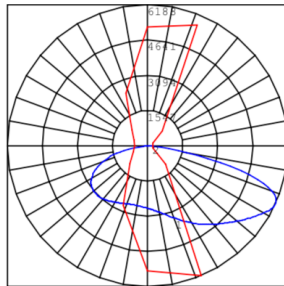
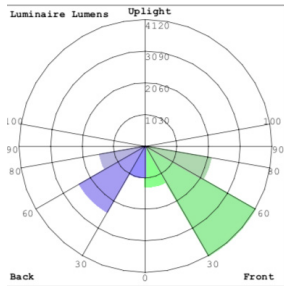
- “Distribution Type” defines how far forward of the luminaire (i.e., on the StreetSide) the effective output reaches



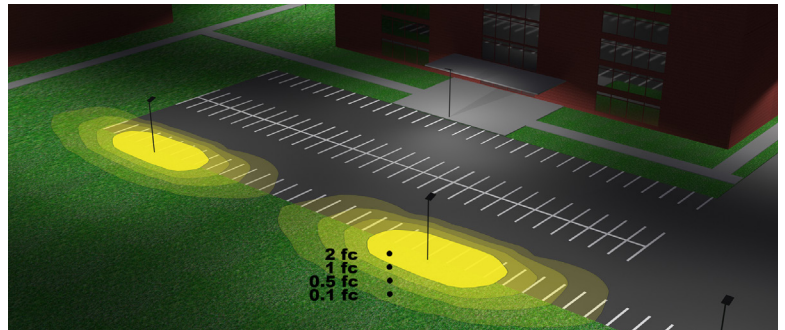
- Type 2 is still linear but wider in the front to accommodate 4 lane roadways or wider drive lanes
- Type 3 (commonly known as a “Bat-Wing”) is suitable for perimeters, often where other interior pole placements fill the site
- Type 4 (commonly known as a “Forward Throw” or Asymmetric) Is best along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

Photometrics: LF3-HL-100W

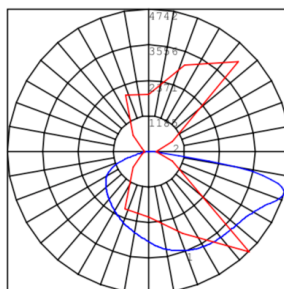
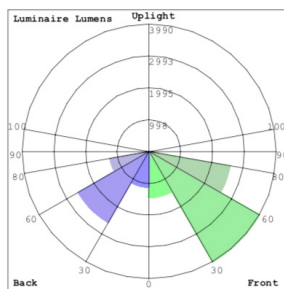
TYPE II



BUG Rating: B3-U0-G3



TYPE IV



BUG Rating: B3-U0-G3

