LF3-HL SERIES

Outdoor Lighting

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

LF3-HL-80W-30K
LF3-HL-80W-40K
LF3-HL-80W-50K

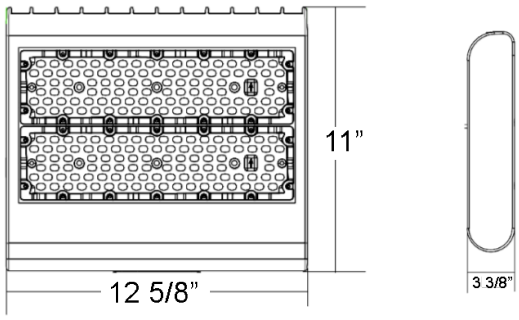
Selection:

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: 80W
- 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 ft ², Side = 0.30 ft ², Face = 1.05 ft ²
- 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: 10400LM/ 10700LM/ 11200LM
- 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 | 13000LM | LF3-HL-100W-30K
- 40W | 13000LM | LF3-HL-100W-40K
- 50W | 13200LM | LF3-HL-100W-50K
- 30W | 19700LM | LF3-HL-150W-30K
- 40W | 20680LM | LF3-HL-150W-40K
- 50W | 20680LM | LF3-HL-150W-50K
- 30W | 29600LM | LF3-HL-230W-30K
- 40W | 30000LM | LF3-HL-230W-40K
- 50W | 30000LM | LF3-HL-230W-50K
- 30W | 37000LM | LF3-HL-300W-30K
- 40W | 39000LM | LF3-HL-300W-40K
- 50W | 39000LM | LF3-HL-300W-50K

LISTED | DLC | WET LOCATION | IP65 | DIMMING

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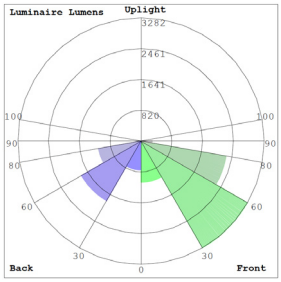
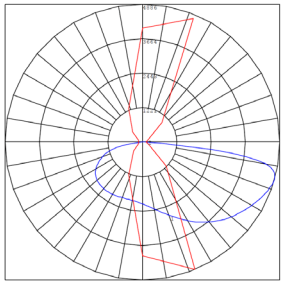
WG-Z4-ZB-2Z

Photometrics: LF3-HL-80W

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





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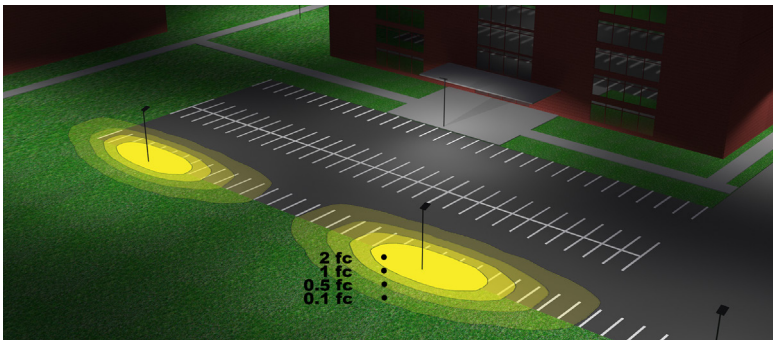

Area 75'x 145' Mounting Height: 20'

Other Views:

Front View

Side View

Back View

Performance Table: LF3-HL-80W

MODEL NO.	Wattage	Voltage	Lumens	Color Temp.	BUG Rating	LPW
LF3-HL-80W-30K	80W	120~277V	10400LM	3000K	B3-U0-G3	130
LF3-HL-80W-40K	80W	120~277V	10700LM	4000K	B3-U0-G3	133
LF3-HL-80W-50K	80W	120~277V	11200LM	5000K	B3-U0-G3	140

Sample Ordering

Model		Wattage		Color Temp.		
LF3	-	HL	-	80W	-	

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:

1. LF3-HL-80W-30K (For LF3 80W 3000K fixture 120V-277V)
2. LF3-HL-80W-30K (For LF3 80W 3000K fixture 120V-277V)
   WEC-7RC (For Remote Control)
3. LF3-HL-80W-30K (For LF3 80W 3000K fixture 120V-277V)
   WEC-7RC (For Remote Control)
   OPT-SEN-3MR-3 (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

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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-80W

LF3-SH3

Shroud (Reversible)

LF3-SH3FG

Full Glare shroud

LF3-WG3

Wire Guard

Color Options: LF3-HL-80W

Customize color available

Black Silver White **Dark Bronze** Green Red Yellow

Default color

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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

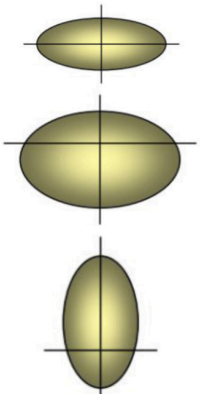
Lens Type Options:

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 Explaned

SELECTING THE BEST DISTRIBUTION TYPE FOR YOUR OUTDOOR PROJECT

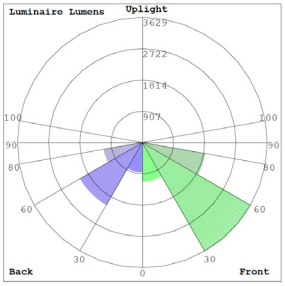
- "Distribution Type" defines how far forward of the luminaire (i.e., on the StreetSide) the effective output reaches

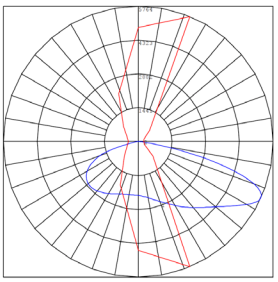


- Type 2 is still linear but wider in the front to accommodate 4 lane roadways or wider drive lanes
- Type 3 (commonly known as a "Bat-Wing") is suitable for perimeters, often where other interior pole placements fill the site
- Type 4 (commonly known as a "Forward Throw" or Asymmetric) Is best along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

Photometrics: LF3-HL-80W

TYPE II





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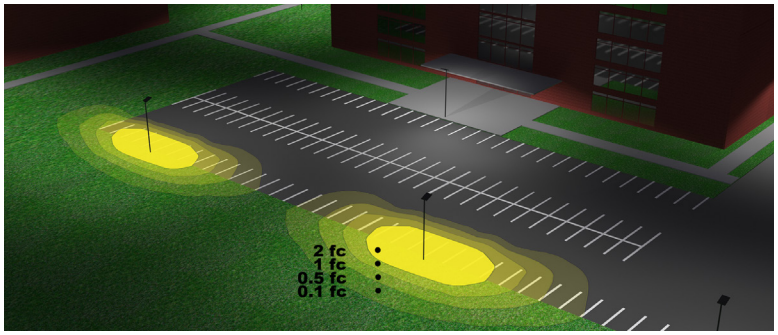
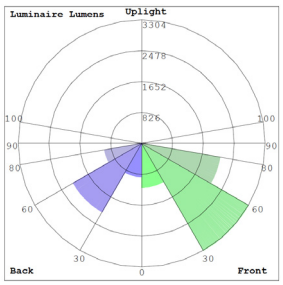
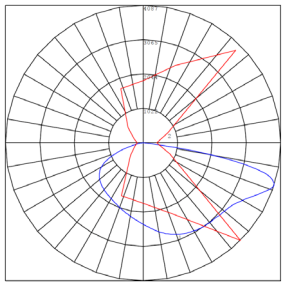


Area 70'x 145' Mounting Height: 20'

TYPE IV





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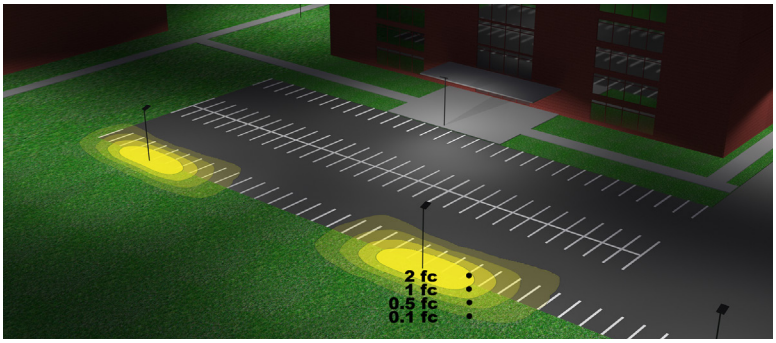

Area 85'x 115' Mounting Height: 20'

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