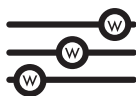


Impakt™
Architectural Floodlight



MOUNTING OPTIONS



Knuckle Mount
(1/2" Thread)
(Only Available IPF-S)
[KN]



Slipfitter
[SF]



Trunnion
[TR]

APPLICATIONS

Commercial Parking Lots, Pedestrian Pathways, Street Lighting

FEATURES

Construction

- Rugged Die-cast Aluminum Housing
- Modular Light Engine [IP67 Rating]

Electrical & Technical

- Input Voltage: 120-277VAC
347-480VAC [Option]
- Input Frequency: 50/60Hz
- Projected Life: L70 > 75,000 hrs
- PF: >0.9
- CRI: 70
- THD: <20%
- CCT: 3000K, 4000K, 5000K, or 5700K
- Operating Temp.: -40°F ~ 104°F
- Adjustable Lumen Output
- IP Rating: IP65 Enclosure & IP67 Driver
- 6kV Surge Protection Included W/ Driver
- 10kV Surge Protection [Option]
- 20kV Surge Protection [Option For IPF-M/IPF-L]

Controls

- 0-10V Dimming [Standard]
- Button Photocell [Option For IPF-S]
- Bi-level Occupancy/Daylight Harvesting Sensor [Option For IPF-M & IPF-L]
- Twistlock Photocell [Option For IPF-M & IPF-L]
- Dimulator Dimming Photocontrol [Option For IPF-M & IPF-L]
- Radiant Wireless Control System [Option For IPF-M & IPF-L]
- Network Motion Sensor [Option]

Lumen Output

- See Page 2

EPA Rating

- See Page 2

Finish

- Dark Bronze [Standard]
- Matte White
- Matte Black
- Matte Gray

Optical

- Distribution Type:
 - NEMA5 [H5V5]
 - NEMA7 [H7V6]

Installation/Mounting

- Knuckle Mount (1/2 thread)
[For IPF-S]
- Slipfitter [For IPF-M & IPF-L]
- Trunnion

Warranty

- 5 Year Warranty
- See warranty documentation for more information.



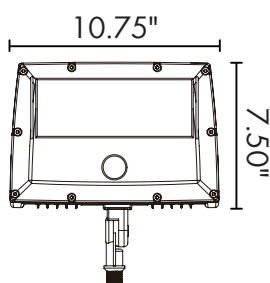
ORDERING INFORMATION

EXAMPLE: IPF-M-L-50-U-D0-D-07-SF

| IPF | | | | | | | | |
|-------------------------|-------------------------------|------------------------|---|--------------------------------------|---|------------------------------|--|----------------------------------|
| Series | Size | Wattage | CCT | Input Voltage | Controls Option | Finish | Distribution | Mount |
| IPF | S - Small | L (50W/60W/80W) | 30 - 3000K 40 - 4000K | U - 120-277VAC H - 347-480VAC | PH (Button Photocell) | D - Dark Bronze G - Gray* | 05 - NEMA5 [H5V5] 07 - NEMA7 [H7V6] | KN - Knuckle TR - Trunnion |
| | M - Medium | L (100W/150W/200W) | 50 - 5000K | | D0 (Without Control Sensors) D1 (Radiant Wireless Control System) D1-7SC (7 Pin Receptacle W/Shortcap) D1-7PC (7 Pin Receptacle W/On/Off Photocell) D4 (Bi-level Occupancy/Daylight Sensor) DIM4-U - Dimulator 120-277V with 7 pin DIM4-H - Dimulator 480V with 7 pin | B - Black* W - White* | | SF - Slipfitter TR - Trunnion |
| | L - Large | L (250W/275W/300W) | 57 - 5700K | | | | | |
| Accessories | | | | | | | | |
| IPF-S-TV (Top Visor) | IPF-M-AS (Adjustable Shield)* | IPF-S- WG (Wire Guard) | IPF-SP10 (Surge Protection 10kV/5kA) | FDP-301-L2-G (Network Motion Sensor) | | | | |
| IPF-M-TV (Top Visor) | IPF-L-AS (Adjustable Shield)* | IPF-M- WG (Wire Guard) | IPF-SP20 (Surge Protection 20kV/5kA) [For Medium/Large] | FDP-301-L2-W (Network Motion Sensor) | | | | |
| IPF-L-TV (Top Visor) | IPF-M-FVS (Full Visor Short)* | IPF-L- WG (Wire Guard) | | FDP-301-L7-G (Network Motion Sensor) | | | | |
| IPF-S-BV (Bottom Visor) | IPF-L-FVS (Full Visor Short)* | | | FDP-301-L7-W (Network Motion Sensor) | | | | |
| IPF-M-BV (Bottom Visor) | IPF-M-FVL (Full Visor Long) | | | | | | | |
| IPF-L-BV (Bottom Visor) | IPF-L-FVL (Full Visor Long)* | | | | | | | |

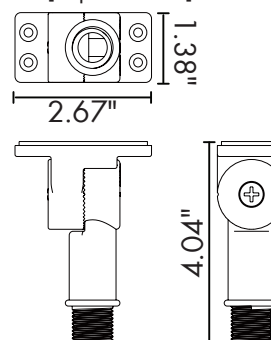
DIMENSIONS

50W/60W/80W
NEMA7 (H7V6)

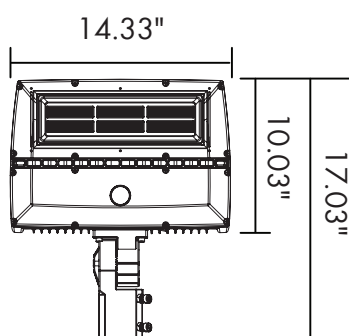


Weight: 11.24 lb.
EPA Rating: 0.624 ft²
(Includes Knuckle Mount)

Knuckle Mount
[Impakt Small]

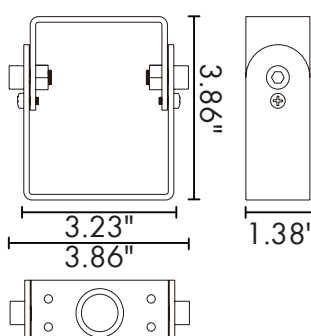


100W/150W/200W
NEMA7 (H7V6)

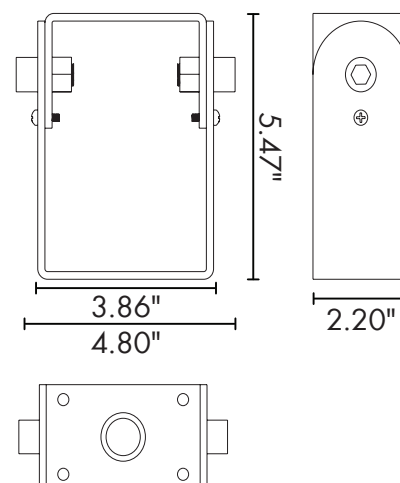


Weight: 20 lb.
EPA Rating: 1.19 ft²
(Includes Slipfitter)

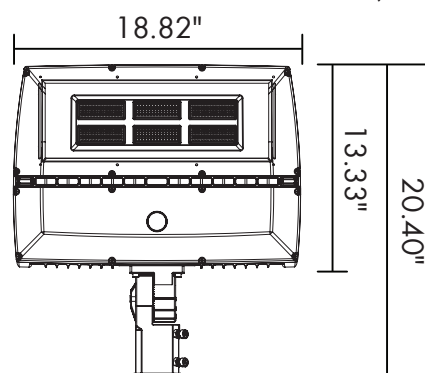
Trunnion
[Impakt Small]



Trunnion
[Impakt Medium & Large]

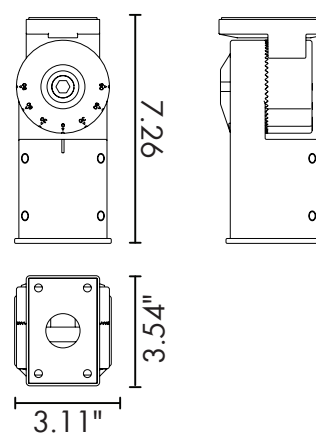


250W/275W/300W
NEMA7 (H7V6)



Weight: 29 lb.
EPA Rating: 2.027 ft²
(Includes Slipfitter)

Slipfitter
[Impakt Medium & Large]



LUMEN OUTPUT

| SKU | Size | Wattage (W) | Delivered Lumens (lm) | Efficacy (lm/W) | Delivered Lumens (lm) | Efficacy (lm/W) | Delivered Lumens (lm) | Efficacy (lm/W) |
|-------------------------|--------|-------------|-----------------------|-----------------|-----------------------|-----------------|-----------------------|-----------------|
| IPF-S-L-50-U-D0-D-07-KN | Small | 50/60/80 | 7000 (50W) | 135 | 8400 (60W) | 135 | 11200 (80W) | 135 |
| IPF-M-L-50-U-D0-D-07-SF | Medium | 100/150/200 | 13500 (100W) | 135 | 20250 (150W) | 135 | 27000 (200W) | 135 |
| IPF-L-L-50-U-D0-D-07-SF | Large | 250/275/300 | 33750 (250W) | 135 | 37125 (275W) | 135 | 40500 (300W) | 135 |

ELECTRICAL LOAD

| System Watts | Current (A) | | | | | |
|--------------|---------------|------|------|------|------|------|
| | 120V | 208V | 240V | 277V | 347V | 480V |
| | Input Voltage | | | | | |
| 50W | 0.41 | 0.24 | 0.20 | 0.18 | 0.14 | 0.10 |
| 60W | 0.50 | 0.28 | 0.25 | 0.21 | 0.17 | 0.12 |
| 80W | 0.66 | 0.37 | 0.33 | 0.28 | 0.23 | 0.16 |
| 100W | 0.83 | 0.48 | 0.41 | 0.36 | 0.28 | 0.20 |
| 150W | 1.25 | 0.72 | 0.62 | 0.54 | 0.43 | 0.31 |
| 200W | 1.66 | 0.96 | 0.83 | 0.72 | 0.57 | 0.41 |
| 250W | 2.08 | 1.20 | 1.04 | 0.90 | 0.72 | 0.52 |
| 275W | 2.29 | 1.32 | 1.14 | 0.99 | 0.79 | 0.57 |
| 300W | 2.50 | 1.44 | 1.25 | 1.08 | 0.86 | 0.62 |

ACCESSORIES



Top Visor
[IPF-S-TV, IPF-M-TV, IPF-L-TV]



Bottom Visor
[IPF-S-BV, IPF-M-BV, IPF-L-BV]



Adjustable Shield*
[IPF-M-AS, IPF-L-AS]



Full Visor Short*
[IPF-M-FVS, IPF-L-FVS]



Full Visor Long*
[IPF-M-FVL, IPF-L-FVL]



Wire Guard
[IPF-S-WG, IPF-M-WG, IPF-L-WG]



Network Motion Sensor
[FDP-301-L2-G, FDP-301-L2-W,
FDP-301-L7-G, FDP-301-L7-W]



Bi-level Occupancy
Sensor/Daylight Harvesting
Sensor
[D4]



7 Pin Receptacle &
Dimulator
[DIM4-U or DIM4-H]



7 Pin Receptacle & On/Off
Photocell
[D1-7PC]



Button Photocell
[Only For IPF-S]
[PH]

- Note: Available for Only for Medium and Large Impact:
- Network Motion Sensor
 - Bi-Level Occupancy/Daylight Harvesting Sensor
 - 7 Pin Dimulator
 - 7 Pin On/Off Photocell
 - Full Visor Short
 - Full Visor Long
 - Adjustable Shield

CONTROL PRE-COMMISSIONING [FOR IPF-M & IPF-L]

Default setting are indicated by*

| High-End Trim/ Tuning | Sensitivity Range | Time Delay | Daylight Harvesting | Stand-by Light Level Setting | Stand-by Time Setting |
|--------------------------|----------------------|---------------|-------------------------------|---------------------------------|--------------------------|
| 70% | 70% | 10s | Light Sensor Disabled* | 0% | ∞ |
| 80% | 50% | 1 min | 1FC (10lux) | 10%* | 1 min |
| 90% | 70% | 10min* | 3FC (30lux) | 30% | 30min |
| 100%* | 100%* | 15min | 5FC (50lux) | 50% | 60min* |

High-End Trim/Tuning:

Setting that determines the maximum lumen output through high-end trim tuning, can be reduced by up to 30 percent.

Sensitivity Range:

Setting that determines the sensitivity range of the motion sensor when the daylight sensor is disabled.

Time Delay:

The light can be set to stay ON for any period of time between approx. 10 sec. to a maximum of 60 min. Any movement detected before this time elapse will re-start the timer.

Daylight Harvesting:

The chosen light response threshold can be disabled or respond when photocell detects foot candle levels 1-5 FC

Stand-by Light Level:

Setting determines how much lumen output is dimmed down to when no motion is detected.

Stand-by Time:

Setting determines how long after stand-by light level occurs the light will shut off. Up to 60 minutes.

DIMULATOR: STAND-ALONE LED DIMMING PHOTCONTROL [FOR IPF-M & IPF-L]



Features

- Factory preset dimming - no selector switch
- 10 Year Warranty
- Compliant with ANSI C136.41 receptacle
- Optional constant all night dimming
- Adaptive lighting control with progressive intensities
- 40kV Surge Protection
- High voltage version available
- Advance time/date algorithm auto-adjusts for daylight savings
- Automatically synchronize to local time



Patent #9210746

Bat Eye Technology

- Advanced light sensor, only reacts to sunlight
- Immune to LED and other artificial light
- No false activation (no cycling)
- May be oriented in any direction

ELL PHOTOCELL: EXTRA LONG LIFE PHOTOCONTROL [FOR IPF-M & IPF-L]



Features

- Designed to meet or exceed the life expectancy of LED fixtures.
- 10 Year Warranty
- 40kV Surge Protection
- High voltage version available

Bat Eye Technology

- Advanced light sensor, only reacts to sunlight
- Immune to LED and other artificial light
- No false activation (no cycling)
- May be oriented in any direction



RADIANT WIRELESS CONTROL SYSTEM [FOR IPF-M & IPF-L]

RADIANT™
WIRELESS CONTROL SYSTEM

- WiFi Mesh Receiver Nodes.
- Communication range is up to 500 ft line of sight.
- Control dimming and On/Off.
- Secure, over-the-air software upgrades.



- Manual/Remote/Web access to Nodes.
- Control up to 1000 Nodes.
- Weather protected.
- Optional, pre-configured 5 button switch to allow for control of all lighting (Central Base Station only).



**Wattstopper FDP-301
Network Controlled
Sensor
(Optional)**



**Central Control
Base Station
(Optional)**

or



SimplySnap Controller



**WiFi or LAN Network
with
browser based
control interface**

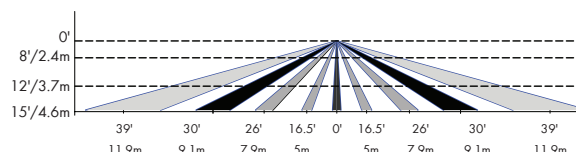
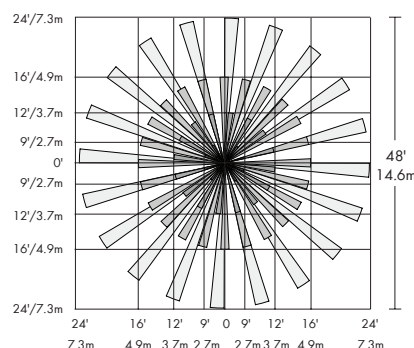


**Optional Cloud Control
with Verizon 4G LTE**

WATTSTOPPER® FDP-301 NETWORK CONTROLLED MOTION SENSOR [FOR IPF-M & IPF-L]

L2 Lens The FDP-L2 is designed for mounting at heights between 8'-15'. It provides 48' diameter coverage area when mounted at height 8' or a 78' coverage area at 15'.

Top View @ 8'



L7 Lens The FDP-L7 has a lens that covers a 100' diameter area at a height of 40'.

Top View @ 40'

