Suitable for wet locations, our FLL Flood Light utilizes the latest in solid state lighting technology for a long lifetime, low maintenance, and high efficiency. Its innovative thin shape and interchangeable mount improves installation efficiency and saves on labour costs.

### Technical Specifications

**Housing**
- Powder coated aluminum

**Finish**
- Black standard; Bronze, White, Grey option (MOQ 100pcs)

**Mounting**
- Trunnion standard (TRBK); Fixed Arm, Slip Fitter and Yoke options

**Lens Type**
- Polycarbonate Lens

**Applications**
- Parking lots, roads, public and private spaces

### Electrical Specifications

**LED Engine**
- Lumileds

**Available Wattages**
- 100w, 150w, 230w, 300w

**Power Factor**
- >0.9

**Ambient temperature**
- -40° to 50°C | -40° - 122°F

**Available Voltages**
- 100-277vAC standard; 277-480vAC option

### Optical & Performance Specifications

**Lumen Output**
- 100w: 13,500L | 150w: 20,250L | 230w: 31,050L | 300w: 40,500L

**Beam Angle**
- 90 x 120°

**IP Rating**
- IP66

**CRI**
- >70

**THD**
- < 20%

**BUG Rating**
- 100w: B3-U0-G2 | 150w: B4-U0-G3 | 230/300w: B5-U0-G3

**EPA**
- 100w/150w: 1.227096 ft² | 230w: 1.911686 ft² | 300w: 2.4671088 ft²

**Certifications**
- CE, CB, SAA, UL, cUL, FCC, ICES, DLC Listed - see full list of models on following page

### Notes:

- Optional occupancy sensor, lensed door available
- Clear acrylic lens or frosted available
- CRI 84+
- L70 >70,000+ hours rated life
- Luminous Flux
  - 120w: 15,600L
  - 160w: 20,080L
  - 180w: 23,400L
  - 240w: 31,200L
  - 300w: 39,000L

### Operation

- Temperature: -22~+104°F
- Power Factor: >0.90
- Voltage: 220-277-volt universal voltage; 200-480vAC available option
- Standard V-hook included; engineered mounting available

### Other

- High efficacy LED boards, 130+ lumens per watt
- 70,000+ hours rated life
- Housing has top side access door for easy access of driver
- LED FLOOD LIGHT
- High performance LED luminaire that is ideal in manufacturing and warehousing.
- The fixture is constructed of vented sheet steel and aluminum for optimum heat sink and thermal control. A top side access door provides easy serviceability by enabling unobstructed driver access.
**FLL**

**LED FLOOD LIGHT**

### DIMENSIONS

![Diagram showing dimensions of the LED flood light](image)

<table>
<thead>
<tr>
<th>Wattage</th>
<th>L (mm)</th>
<th>L (in)</th>
<th>W (mm)</th>
<th>W (in)</th>
<th>H (mm)</th>
<th>H (in)</th>
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<tbody>
<tr>
<td>100w/150w</td>
<td>280</td>
<td>11.02</td>
<td>320</td>
<td>12.6</td>
<td>87</td>
<td>3.43</td>
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<td>230w</td>
<td>360</td>
<td>14.17</td>
<td>320</td>
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<td>300w</td>
<td>470</td>
<td>18.5</td>
<td>320</td>
<td>12.6</td>
<td>88</td>
<td>3.46</td>
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### PHOTOMETRICS

![Graph showing photometric data](image)

- **Standard cord length:** 91.4cm | 36"

### PRODUCT CODE GENERATOR

Some combinations of adders may not be possible, email quotes@ecopowerled.com for further info.

<table>
<thead>
<tr>
<th>FLL</th>
<th>Wattage</th>
<th>Kelvin</th>
<th>Voltage</th>
<th>Options</th>
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<tbody>
<tr>
<td></td>
<td>100w</td>
<td>WW (3000K)</td>
<td>V4 (100-277vAC)</td>
<td><strong>STANDARD:</strong> TRBK Trunnion Bracket</td>
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<tr>
<td></td>
<td>150w</td>
<td>NW (4000K)</td>
<td>VS (277-480v)</td>
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<td></td>
<td>230w</td>
<td>CW (5000K)</td>
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<tr>
<td></td>
<td>300w</td>
<td>DL (5700K)</td>
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### Photocell

- **B00:** Photocell 100-277v
- **B004:** Photocell 240/480v

### Mounting

- **FA:** Fixed arm
- **KNSF:** Knuckle Slip fitter
- **YOKE:** Yoke

### Colour

- **BLK:** Black
- **BRZ:** Bronze
- **GRY:** Grey
- **WH:** White

**MOQ 100pcs**
### DLC LISTED PRODUCTS

<table>
<thead>
<tr>
<th>Models</th>
<th>Classification</th>
<th>Version</th>
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<td>FLL230WWWV4-ZZYY</td>
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**FLL LED FLOOD LIGHT**

**MOUNTING OPTIONS**

- **Slipfitter**
- **Fixed Arm**
- **Trunnion**
- **Yoke**

**TRUNNION DIMENSIONS**

**100W/150W**

- Ø5mm / 0.2''
- Ø10mm / 0.39''
- 60mm / 2.36''
- 10 x 15mm / 0.39 x 0.59''
- Ø20mm / 0.79''
- 50mm / 1.97''
- 40 x 10 mm / 1.57 x 0.39''
- 170mm / 6.69''

**230W/300W**

- Ø5mm / 0.2''
- Ø10mm / 0.39''
- 60mm / 2.36''
- 15 x 10 mm / 0.59 x 0.39''
- Ø20mm / 0.79''
- 60mm / 2.36''
- 210mm / 8.27''
- 70mm / 2.76''
- 10 x 15mm / 0.39 x 0.59''
ECOCONTROLS INTEGRATION

Light when you need it. Savings when you don’t.
Advanced sensors work in combination with dimming to provide full illumination only when needed, returning to a reduced level when the area is unoccupied - saving overhead on energy costs. EcoCONTROLS control systems use artificial intelligence to predict peak times on the grid and provides advanced notice about potentially expensive time, allowing you to take action to further minimize your costs by reducing your power draw.
FLL LED FLOOD LIGHT

FIXED ARM DIMENSIONS & DRILL PATTERN