Description

LumaPro LED Flood Lights are an efficient, energy saving replacement for metal halide and in high-pressure sodium fixtures, containing an integral listed driver, the LED Flood Light fixtures can be easily installed to a slip fitter. The fixture comes standard with a 2-3/8” slip fitter adjustable knuckle in standard dark bronze.

CONSTRUCTION

- The heavy duty cast aluminum one-piece housing is polyester powder coated and sealed from dirt, water and insects with a hinged door with a shock-proof tempered glass.
- Single dimming driver (SD)
- Copper plating on printed circuit boards provides high thermal transfer rate, minimizing junction temperature of LED

Specifications and Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Volts</th>
<th>Watts</th>
<th>Lumens</th>
<th>CCT</th>
<th>CRI</th>
<th>Dimensions (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>30UH88</td>
<td>100-277V</td>
<td>70W</td>
<td>5215</td>
<td>5500K</td>
<td>68</td>
<td>16-1/2” x 16-1/2” x 7-1/2”</td>
</tr>
<tr>
<td>30UH89</td>
<td>100-277V</td>
<td>100W</td>
<td>9128</td>
<td>5500K</td>
<td>68</td>
<td>16-1/2” x 16-1/2” x 7-1/2”</td>
</tr>
<tr>
<td>30UH90</td>
<td>100-277V</td>
<td>140W</td>
<td>11730</td>
<td>5500K</td>
<td>68</td>
<td>16-1/2” x 16-1/2” x 7-1/2”</td>
</tr>
</tbody>
</table>
General Safety Information

⚠️ CAUTION READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

- Review the diagrams thoroughly before beginning.
- All electrical connections must be in accordance with local codes, ordinance, and the National Electric Code. If you are unfamiliar with methods of installing electrical wiring, secure the services of a qualified licensed electrician.
- Before starting the installation, disconnect the power by turning off the circuit breaker or by removing the appropriate fuse at the fuse box. Turning the power off using the light switch is not sufficient to prevent electrical shock.
- Do not use outdoors.
- Equipment should be mounted in locations and at heights where it will not readily be subject to tampering by unauthorized personnel.
- Do not use this equipment for other than intended use.

⚠️ WARNING Risk of fire or electric shock. Installation requires knowledge of the lighting luminaires electrical systems. If not qualified, do not attempt installation and contact a qualified electrician.

Wiring Diagram

⚠️ DANGER Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

Connecting driver to AC source supply:
Operating Temp: -30 F to 130F Degrees

⚠️ WARNING

1. All units must be individually connected to the AC
   - Black = Line
   - White = Neutral
   - Green = Ground
2. Line connection to be made to switch lead from source.
Installation

**WARNING** Do not make or alter any open holes in an enclosure of wiring or electrical components during installation. Before installation, ensure if power supply is disconnected.

**DANGER** Ensure mounting surface is capable of supporting 100 lbs. minimum

**KNUCKLE MOUNTING**
For convenience, it is recommended that the mount be configured prior to installation on the tenon

1. The Flood Light Knuckle, tenon slip fitter, can be field modified to aim from -90 to +90 degrees.
2. With a Philips head screw driver, loosen and remove the cover plate for the junction box in the knuckle. (Figure 1)

3. With a 5/8” socket, loosen the bolt (do not remove) allowing for knuckle rotation if angled mounting is desired.
4. Rotate the slip fit component of the knuckle to the desired angle relative to the LEDs.
5. Feed the power leads from the tenon through the knuckle. (Figure 2)
6. With a 5/8" socket, tighten the bolt, locking the knuckle in place. Take care not to pinch any wire when tightening the bolt.

7. Replace the junction box cover, taking care not to pinch any wires and that the O-ring is positioned for proper sealing. Note, if electrical connections will be made in the junction box, the cover may be temporarily left off.

8. With a 5/32" hex key, loosen (do not remove) the (2) set screws in the slip-fitter portion of the knuckle as shown below.
9. Place the slip fitter onto the tenon and point the knuckle in the desired direction. Take care not to pinch any wires in this process.

10. With a 5/32” hex key, tighten the (2) set screws in the slip-fitter portion of the knuckle securing it to the tenon.

11. Remove the two bolts from the knuckle ensuring the gasket is not damaged in the process.

12. It is suggested to have 2 members present when mounting the fixture.

13. Unfasten the (4) screws with a Philips head screwdriver located on the door frame to the fixture; enabling access to the interior of the housing and mounting holes.

14. Feed the power leads from the tenon into the fixture housing, and follow the provided wiring instruction.

15. The gasket is then placed flush to the exterior of the fixture housing, and the mounting plate is placed flush to the interior of the housing while maintaining clear access for the bolt.

16. The fixture is then fastened to the fixture housing ensuring a tight seal. (CAUTION: Do not over tighten; creating small rips in the gasket.)

17. The housing door is then closed completing the mounting of the fixture.
Warranty

LIMITED FIVE-YEAR WARRANTY
Should this product fail to perform satisfactorily due to a defect or poor workmanship within FIVE YEARS from the date of purchase, return it to the place of purchase and it will be replaced, and free of charge. Incidental or consequential damages are excluded from this warranty.