

## Utility Flood

### LED Flood / Area Lighting

The UF is an LED energy saving cost-effective solution to replace 250, 400 and 1000 watt HID (HPS & MH) flood lights.

**Features:** The driver compartment is secured with thumbscrews for easy access to the driver, surge suppressor, and terminal block. The optical compartment is IP66 rated to prevent the ingress of water. An optional glare-shield is available. This flood comes standard with an Adjustable Output Unit (AOU) that allows the installer a wide range of output settings to meet the required wattage, lumen output, and lumens per watt. The AOU simplifies the installer's inventory and allows for customization to the jobsite needs.

#### Construction:

- Heavy duty die-cast aluminum housing
- Durable powder coat finish
- Corrosion resistant (stainless steel) hardware
- Thumb-screw entry
- Three (3) station terminal block 14 to 6 AWG
- Pre-wired with a 7.5ft, 14/3 SJTW cord with 6in outer jacket removed and conductors stripped to 1/2in
- Wrap-around yoke or slip-fitter
- IP66 rated optical chamber
- Self cleaning heat sink

#### Electrical:

- Driver power factor is 0.9 minimum
- Driver maximum THD of 20%
- Driver voltage 120-277V (50/60Hz)
- 0-10V dimming with 7-pin photo control receptacle
- Electronic driver has an expected life of 100,000 hours at 25C ambient.
- NEMA 7-pin twist lock photo control receptacle
- 20kV/20kA surge protection (meets or exceeds ANSI/IEEE62.41)
- Suitable for ambient temperatures from -40C to +45C
- Reported L90 >44000 hours and Calculated L90 of 135000 hours per IESNA TM-21

#### Options:

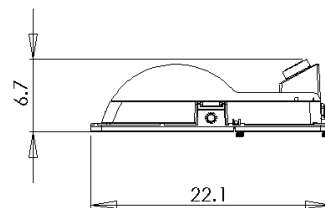
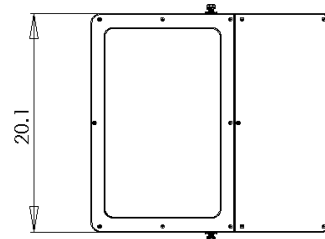
- Slip-fitter with external wiring
- Long-Life photocontrol
- Shorting cap
- Glare shield

#### Non-stocked Options (contact factory for lead-time) :

- Dimming 347-480V driver
- Grey powder coat
- Slip-fitter mount with internal wiring
- 3000K CCT Without AOU



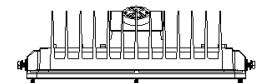
\*shown with UF-GS installed (order separately)



EPA 90° from nadir: 3.7 ft<sup>2</sup>

EPA 0° from nadir: 1.2 ft<sup>2</sup>

Weight: 31.6 lbs



#### Optical:

- IP66 rated optics enclosure
- Glass lens
- Standard 4000K CCT
- Min 70 CRI
- Type 7x6 NEMA distribution
- Optional field-installed glare shield (Order UF-GS)

#### Performance Ratings:

| Input Wattage | Lumen Output |
|---------------|--------------|
| 270W          | 31000 Lm     |

Note: See UF-AOU spec for output ratings with option 'A'.

#### Certification Ratings:

- UL, cUL listed, suitable for wet locations
- IP66 fixture and optical enclosure (per ANSI C136.25-2009)
- LM79/LM80 testing
- RoHS compliant

#### Warranty:

- 5 year standard warranty



| Ordering Information |          |   |              |            |   |             |               |                                       |                 |                      |
|----------------------|----------|---|--------------|------------|---|-------------|---------------|---------------------------------------|-----------------|----------------------|
| Model                | Wattage  | Driver  | Optics       | Color      | Mounting  | Paint       | Surge         | Control Receptacle                    | Control         | Options              |
| UF                   | A = 270W | MD = 120-277V<br>w/ 0-10V DIM*                                | 7 = Type 7x6 | 4 = 4000K* | Y = Large Yoke<br>w/ external cord*   | B = Bronze* | 2 = 20kV/20kA | R7 = 7 Pin<br>Photocontrol Receptacle | N = No Control* | (Blank) = No Options |
|                      |          | HD= 347-480V<br>w/ 0-10V DIM <sup>1</sup><br>(not DLC Listed) |              | 3 = 3000K  | S = 2"-3" Tenon Slip<br>Fitter Knuckle w/<br>internal wiring <sup>1</sup><br>E = 2"-3" Tenon Slip<br>Fitter Knuckle w/<br>external cord | G = Gray    |               |                                       |                 |                      |

\* Standard configuration

1. Non-stocked option

2. See UF-AOU specsheet for output tables

