

### MODEL NUMBER

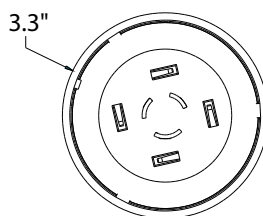
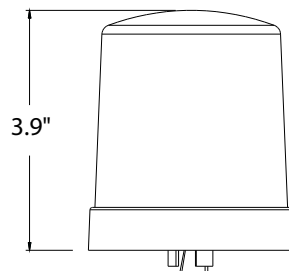
WIR-RME

The External Fixture Module is intended to allow the installation of lighting controls to a single luminaire using a twist lock receptacle that is accessible external to the fixture housing. The WIR-RME requires a NEMA C136.41 7 or 5-pin receptacle on the luminaire for operation. The module contains a relay for on/off control, 0-10 volt dimming, an internal photocell and a 2.4GHz RF mesh radio with internal antenna.

### INSTALLATION INSTRUCTIONS

1. If applicable, remove the lighting control device currently installed in the fixture receptacle.
2. **DO NOT DISCARD THE INCLUDED SERIAL NUMBER LABELS. SEE STEP (5) BELOW.**
3. Align the External Fixture Module such that the large contact pin is positioned above the large receptacle contact.
4. Insert the module's contacts completely into the receptacle contacts. Twist the module's housing clockwise until it locks into place.
5. Attach module serial/address barcode sticker (included) to site plans at fixture location or in a fixture log book that identifies where the module is installed.
6. LED indicators:
  - YELLOW LED blinking every 3 seconds indicates that the module is powered and functioning normally.
  - RED LED indicates message reception.
  - GREEN LED indicates message transmission by the module.
7. Perform system setup and/or programming activities as applicable in accordance with the LightGRID+ Express or LightGRID+ Enterprise user manuals.  
**NOTE: Prior to programming, the External Fixture Module will function as a standard photocell.**

### DIMENSIONS



NEMA C136.41 Receptacle

### SPECIFICATIONS

Voltage	110-480VAC (+/- 10%); 50/60Hz Less than 2 watts standby consumption
Maximum load Amperage	120-240VAC: 7 Amps 277-347VAC: 5 Amps 480VAC: 2 Amps
Output Status Monitoring	Standard feature
Power Metering	Amperage, Voltage, Power (1% accuracy - C12.22 metering protocol compliance), Power Factor, Cumulative Energy, Burn-time counters
0-10V Dimming	For all types of 2-wire 0-10V drivers & ballasts requiring either sourced (up to 20mA) or sunk (up to 5mA)
Standard Input	1 Digital Input: ex: Motion sensor or switch (max : 30V)
Standard Output	24 V - max: 30 mA (total)
Radio Coverage	Up to ~1,000 ft. (~300m) Note: Device must be mounted vertically up. Range based on clear line of site. Recommended deployment practices: Locate wireless devices within a 300 foot radius of the next wireless device for most reliable performance.
Ambient Temperature Range	-40°F to 158°F (-40°C to +70°C)
Relative Humidity	0% to 99% non-condensing
Construction	IP66; Plastic Housing: UL94V-0 Flame Retardant
Dimensions	3.75" (95.3mm) H x 3.125" (79.4mm) DIA
Mounting	Compliant with ANSI C136-41 (7 & 5 pin) twist-lock receptacles Receptacles not included. Please order with luminaire
Certifications	UL E476540 2.4GHz Version - FCC: U.S. FCC Part 15.247 Class A: OUR-XBEE / OUR-XBEE PRO, Canada IC: 4214A-XBEE / 4214A-XBEE PRO, Europe CE: ETSI / ETSI
Warranty	Five-year limited

### WIRING DIAGRAM

