



## wiHUBB® On-Fixture Module

### Installation Instructions

#### Hubbell Building Automation

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#### DESCRIPTION

Hubbell Building Automation's wiHUBB On-Fixture Module (OFM) is a self-contained intelligent wireless control module that provides On/Off lighting control for outdoor fixtures. Each OFM contains an integrated daylight sensor that can be used to turn lighting ON or OFF based on the amount of natural light available. Each wiHUBB On-Fixture Module can be individually controlled or grouped with other wiHUBB devices. The wiHUBB OFM communicates securely via 900 MHz radio frequency to other devices within the wiHUBB wireless self-healing mesh network.

#### SPECIFICATIONS

- Max Load Ratings (-UNV version)
  - 120VAC (SPST): 2400W Incandescent, Electronic and Magnetic Ballast
  - 277VAC (SPST): 5540W Electronic and Magnetic Ballast
  - 347VAC (SPST): 6940W Electronic and Magnetic Ballast
- RF Frequency: 902-928MHz /AES-128 Security
- RF Range: Max. Transmission Output: +20 dBm / Max Receive Sensitivity: -118 dBm
- Daylight Sensor: 0.5 FC – 50 FC
- Operating Temp: -40°C to +90°C
- Conforms with UL916 and Certified to CAN/CSA C22.2 #61010-1
- Patents Pending
- Five year limited warranty

#### PRECAUTIONS

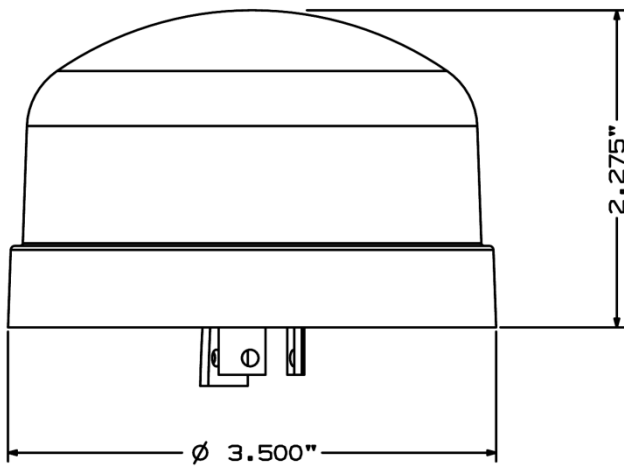
- Read and understand all instructions before beginning installation.

- **NOTICE:** For installation by a licensed electrician in accordance with National and/or local Electrical Codes and the following instructions.
- Disconnect switch or a circuit breaker must be provided and marked as the disconnecting device.
- Disconnect switch / circuit breaker must be within reach of operator.
- **CAUTION: RISK OF ELECTRICAL SHOCK.** Turn power off at service panel before beginning installation. Never wire energized electrical components.
- **CAUTION: USE COPPER CONDUCTOR ONLY.**
- Confirm device ratings are suitable for application prior to installation. Use of device in applications beyond its specified ratings or in applications other than its intended use may cause an unsafe condition and will void manufacturer's warranty.
- Use only approved materials and components (i.e. wire nuts, electrical box, etc.) as appropriate for installation.
- **NOTICE:** Do not install if product appears to be damaged.

#### INSTALLATION

1. DO NOT DISCARD THE INCLUDED MAC ADDRESS LABELS. SEE STEP (3) BELOW.
2. Plug module directly into fixture's twist lock receptacle and twist clockwise to lock into place.
3. Affix a MAC address label to a log book and record the location of the fixture. The MAC address will be needed later during the system setup process.
4. Perform system setup and/or programming activities as applicable in accordance with the instructions of the wiHUBB Access Point or system programming device (sold separately).

## MOUNTING DIAGRAM



**Figure 1: Side View - Insert module into fixture's photocell receptacle and twist clockwise to lock into place**

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