



wiHUBB[®] ON-FIXTURE MODULE INSTALLATION INSTRUCTIONS

PRECAUTIONS

- **WARNING – TO PREVENT INJURY OR DEATH DUE TO ELECTRIC SHOCK, REMOVE ALL POWER FROM THE DEVICE BEFORE INSTALLING OR REMOVING.**
- **WARNING – ANTENNA IS NOT REMOVABLE. TO PREVENT INJURY OR DEATH DUE TO ELECTRIC SHOCK, DO NOT TRY TO REMOVE ANTENNA OR TOUCH ANTENNA CONNECTIONS. IF ANTENNA IS BROKEN OR DAMAGED, REMOVE ALL POWER FROM THE DEVICE BEFORE DETACHING DEVICE FROM TWISTLOCK RECEPTACLE. 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.

SAVE THESE INSTRUCTIONS!

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
Max Load Ratings (-480 version)	480VAC (SPST): 2400W Electronic and Magnetic Ballast
RF Frequency:	902-928MHz /AES-128 Security
RF Range Max.	Max. Transmission Output: +20 dBm / Max Receive Sensitivity: -118 dBm
Daylight Sensor:	Range: 0.5 FC – 50 FC Default On/Off Values: 5 FC / 8 FC Default On/Off Delay: 60 secs / 60 secs
Operating Temp:	-40°C to +90°C
Certifications	Conforms with UL916 and Certified to CAN/CSA C22.2 #61010-1-04
Warranty	Five Years



INSTALLATION

1. **IMPORTANT: 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. Place a MAC address label on as-builds or in 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

