

# wiHUBB<sup>®</sup> ON-FIXTURE MODULE

WIRELESS LIGHTING CONTROLS

TITLE  
24  
COMPLIANCE



## PROJECT INFORMATION

Project Name \_\_\_\_\_

Catalog No. \_\_\_\_\_

Date \_\_\_\_\_



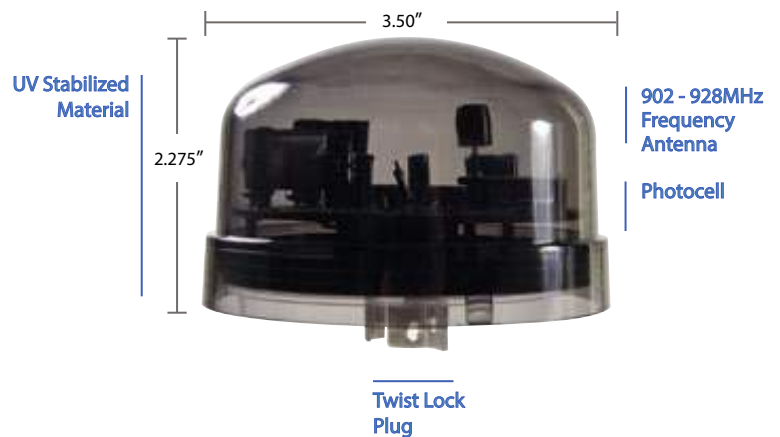
WIH-OM-UNV

Hubbell Controls' *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 via 900MHz radio frequency to other devices within the *wiHUBB* wireless self-organizing and self-healing mesh network.

## PRODUCT FEATURES

- On/Off outdoor lighting control
- Compatible with all lighting loads including LED drivers
- Integrated daylight sensor
- Schedules are held in the devices themselves – master scheduling device not necessary
- Retains device settings during power outages
- Robust & reliable 900MHz wireless self-organizing and self-healing mesh network
- FCC certified
- Five-year limited warranty
- 120-347 Vac and 480 Vac models



**HUBBELL**  
Control Solutions

## General Specifications

Electrical Ratings	<p>Input:</p> <ul style="list-style-type: none"> <li>- WIH-OM-UNV:120-347VAC, 50/60Hz</li> <li>- WIH-OM-480: 480VAC, 50/60Hz</li> </ul> <p>Output: 20A, Tungsten, Magnetic and Electronic Ballast</p>
RF Frequency	902 - 928MHz
Spread Spectrum Frequency Hopping	Wireless Peer-To-Peer, Self-Organizing and Self-Healing Mesh Network
RF Range	<p>Supported distance between wireless devices: 100 meters (328 feet)</p> <p>Maximum Transmission Output Power: +20 dBm</p> <p>Maximum Receive Sensitivity: -118 dBm</p>
Daylight Sensor	<p>ON Level: 1 FC to 5 FC (Default: 5FC)</p> <p>OFF Level: 4 FC to 15 FC (Default: 8FC)</p> <p>ON/OFF Delay Times: 0-120 secs (Default: 60 secs)</p>
Operating Environment	Operating Temperature: -40°C to +90°C (-40°F to +194°F)
Construction	Housing: GSM UL Rated 94 HB Plastic
Size and Weight	<p>Size: 3.50"D x 2.275"H</p> <p>Weight: 4 oz</p>
Color	Smoked Plastic Housing
Mounting	Standard twist lock photo-sensor receptacle
Patents	Patent(s) Pending
Certifications	<p>Conforms with UL916 and Certified to CAN/CSA C22.2 No. 61010-1-04</p> <p>FCC Certified</p> <p>IC Approved</p>
Warranty	Five-year limited

## Ordering Information

<b>WIH-OM</b>	-	-	-
<b>MODEL</b>		<b>INPUT VOLTAGE</b>	
<b>WIH-OM</b>		<b>UNV</b>	<b>120-347VAC, 50/60Hz</b>
		<b>480</b>	<b>480VAC, 50/60HZ</b>