

**NX DISTRIBUTED INTELLIGENCE™**



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

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

The Hubbell Control Solutions NXFM series On-Fixture Module enables a complete control solution for a single luminaire. The On-Fixture Module incorporates a single pole relay for On/Off control as well as industry standard 0 - 10 volt continuous dimming control. An auxiliary input and auxiliary 12 volt power output are available through the 7-pin interface. The input can be programmed to act as any of the NX input types including occupancy and various switch types. On-board power metering circuitry accurately measures current and voltage. The water tight twist lock package contains the control logic, NX HubbNET™ radio, Bluetooth® radio antennas, and 0 - 10 volt dimming driver. The twist lock form factor allows for easy installation and removal of the module on luminaires equipped with a compatible 7-pin twist lock receptacle. Setup and programming is performed using any Android™ or iOS® smart device with an available App that is free for download.

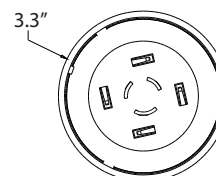
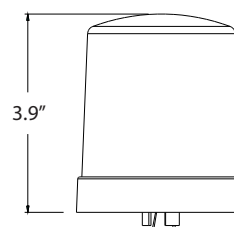
### Product Features

- Designed for installation on the exterior of the luminaire housing
- NEMA standard male 7-pin twist lock connection
- Integral single pole relay for On/Off control
- Continuous dimming 0 - 10V control
- Wireless programming via NX Area Controller or NX Room Setup App for iOS or Android
- Power measurement
- Auxiliary input for external control
- UL and cUL listed
- Five year warranty
- Built-in daylight sensor

### Compliance and Certification



### Dimensional Data

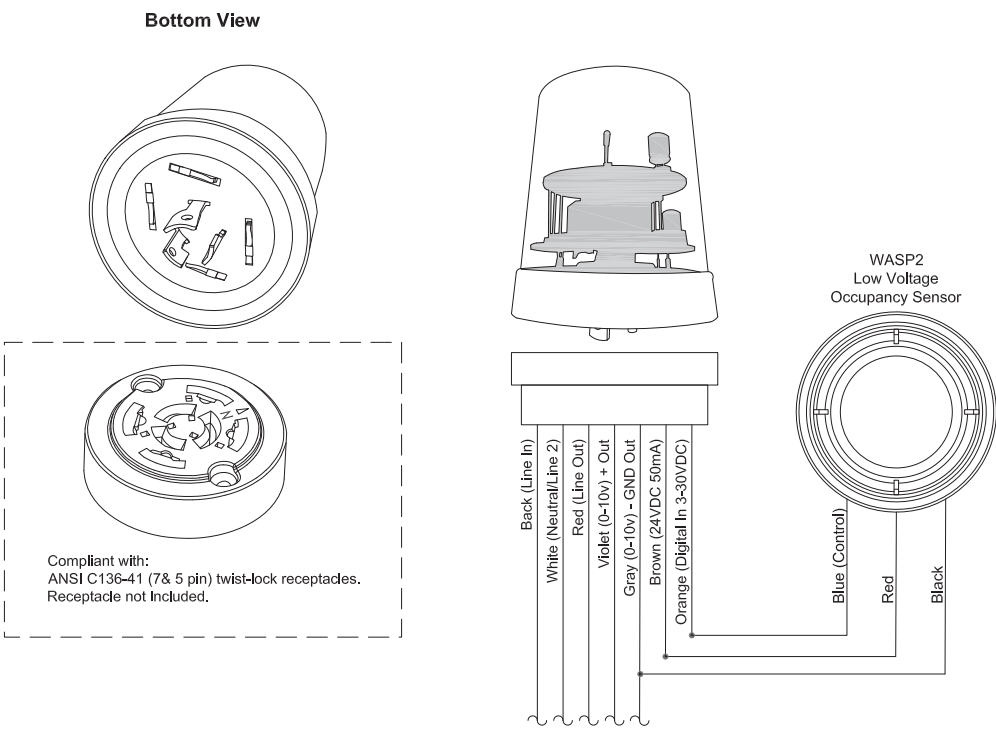


NEMA C136.41 Receptacle

### Ordering Information

|                                   |   |
|-----------------------------------|---|
| <b>NXOFM</b>                      | <b>1R1D-UNV</b>   |
| <b>SERIES</b>                     | <b>MODEL</b>  |
| <b>NXOFM</b> NX On-Fixture module | <b>1R1D-UNV</b> 1 Relay 1 Dimmer, Universal Voltage (120V-480V) |

Wiring Information



General Specifications

|                       |   |
|-----------------------|---|
| Electrical Ratings    | Input: 120-480VAC, 16A Max, 50-60Hz<br>Output: 5A@120-347V, 3A@480V<br>Surge Withstand: 2000V<br>Peak Inrush: 160A for 2 ms Max |
| Dimming               | 0-10V, 60mA, current sink   |
| Daylight Sensor       | On level: 1FC to 5FC (Default: 5FC)<br>Off level: 4FC to 15FC (Default: 8FC)  |
| Operating Environment | Operating Temperature: -40°F to 185°F [-40°C to 85°C]<br>Relative humidity (non-condensing): 0 to 95%<br>IP65 Rated             |
| Construction          | Housing: GSM UL Rated 94 HB Plastic   |
| Mounting              | Standard NEMA C136-41 (2013) with 5 or 7 prongs twist lock connector also compatible with C136-10 sockets                       |
| Dimensions            | 3.125" D x 3.75" (79.4mm D x 95.3 H)  |
| Weight                | 6 oz (170 g)  |
| Color                 | Smoked plastic housing  |
| Patents               | Patent(s) pending   |
| Certifications        | Conforms with UL916 and Certified to CAN/CSA C22.2 No. 205-M1983<br>IC Approved   |
| Warranty              | 5-year limited  |