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
- Auxiliary input for external control
- UL and cUL listed
- Five year warranty
- Built-in daylight sensor
- Scheduling with built-in Astro Time Clock

**Dimensional Data**

- 3.9” L x 3.3” D x 1.6” H

**Ordering Information**

<table>
<thead>
<tr>
<th>NXOFM SERIES</th>
<th>1R1D-UNV MODEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>NXOFM NX On-Fixture module</td>
<td>1R1D-UNV 1 Relay 1 Dimmer, Universal Voltage (120V-480V)</td>
</tr>
</tbody>
</table>

**Compliance and Certification**

- UL and cUL listed
- IP65
- NEMA C136.41 Receptacle
**NXFM SERIES**

**On-Fixture Module**

### Wiring Information

![Bottom View](image)

Compliant with:
- ANSI/UL 1598 (7A, 120V) twist-lock receptacles.
- Reciprocating soft start.

### General Specifications

| **Electrical Ratings** | Input: 120-480VAC, 16A Max, 50-60Hz  
Output: 5A@120-347V, 3A@480V  
Surge Withstand: 2000V  
Peak Inrush: 160A for 2 ms Max  
Standby Power (W):  
120VAC: 1.2  
277VAC: 1.5  
347VAC: 1.5  
480VAC: 1.3 |
|------------------------|---------------------------------------------------------------|
| **Radio Performance**  | Radio Range: Outdoor: ~1,000 ft. (~300m) Note: Range based on clear line of site.  
Recommended deployment practices: Locate three radios within a 300 foot radius for most reliable performance |
| Dimming                | 0-10V, 60mA, current sink |
| Daylight Sensor        | On level: 1FC to 5FC (Default: 5FC)  
Off level: 4FC to 15FC (Default: 8FC) |
| Operating Environment  | Operating Temperature: -40°F to 185°F [-40°C to 85°C]  
Relative humidity (non-condensing): 0 to 95%  
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  
IC Approved  
FCC ID: YH9NXOFM1R1D   
IC: 9044A-NXOFM1R1D  
Contains FCC ID: U90-SM220   
IC: 7084A-SM22 |
| Warranty               | 5-year limited |