NX DISTRIBUTED™ INTELLIGENCE

0-10V DIMMING | Bluetooth® | DAYLIGHT HARVESTING

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 luminairs 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.

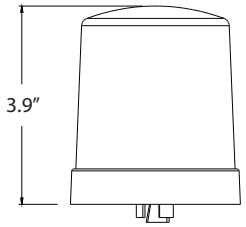
Product Features

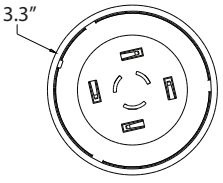
- Designed for installation on the exterior of the luminaire housing
- NEMA standard male 7-pin twist lock connection
- Integral singe pole relay for On/Off control
- Continuous dimming 0 - 10V control
- Wireless programming via NX Area Controller or NX Room Setup App for iOS or Android
- Auxiliary input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

Compliance and Certification

c UL us LISTED FC IP65

Dimensional Data





NEMA C136.41 Receptacle

Ordering Information

NXOFM	—	1R1D-UNV
SERIES		MODEL

NXOFM	NX On-Fixture module	**1R1D-UNV**	1 Relay 1 Dimmer, Universal Voltage (120V-480V)

701 Millennium Blvd. | Greenville, SC 29607 | (864) 678-1000 | (866) 898-0131 - fax www.hubbellcontrolsolutions.com
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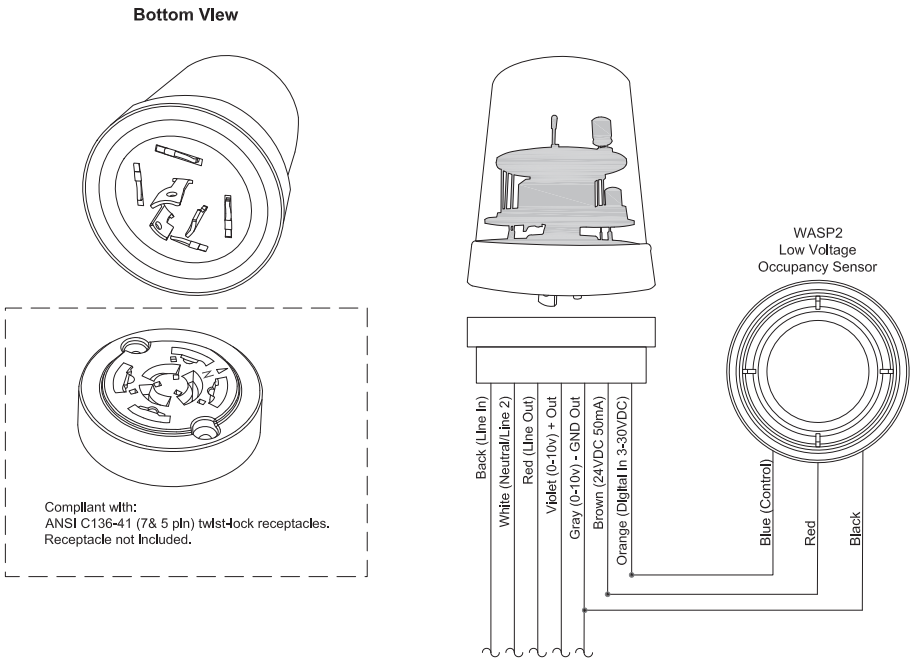
Wiring Information



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: ~300 ft. (~100m) *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: U9O-SM220 IC: 7084A-SM22
Warranty	5-year limited

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