

NX DISTRIBUTED INTELLIGENCE™



Project Name _____

Catalog No. _____ Date _____

The Hubbell Control Solutions NXSM-OMNI Module provides a unique solution for integrating automatic control functions directly into a luminaire. The NXSM-OMNI houses a PIR motion sensor, a daylight sensor, and a Bluetooth® radio allowing wireless configuration and programming using a free smart device App.

The NXSM-OMNI plugs into the SmartPORT™ on the NXFM In-Fixture Module forming a complete control system integral to the luminaire. System capabilities include On/Off switching, continuous dimming, daylight harvesting, and scheduling.

The NXSM-OMNI Sensor Module is suitable for both indoor and outdoor applications and is the ideal solution for integrated fixture control in applications that can benefit from the superior performance and coverage pattern of the Hubbell Control Solutions OMNI line of PIR sensors.

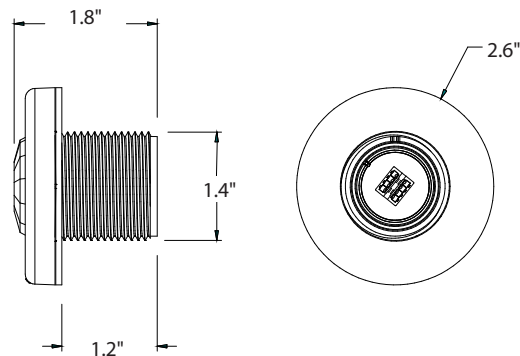
Product Features

- Compact, discrete, low profile luminaire sensor
- PIR motion sensor for automatic On/Off control
- Integrated daylight sensor for daylight harvesting and/or lumen maintenance
- Bluetooth radio provides wireless control of luminaire
- Easy sensor configuration using smart device App
- Enables Intelliscope™ feature when paired with NX Bluetooth mobile App, providing real time visibility of motion for improved accuracy of sensor sensitivity and time delay adjustments
- Non-volatile memory for sensor settings
- Simple plug-in connection to NX Fixture Modules
- Indoor and Outdoor versions available
- Five-year limited warranty

Compliance and Certification



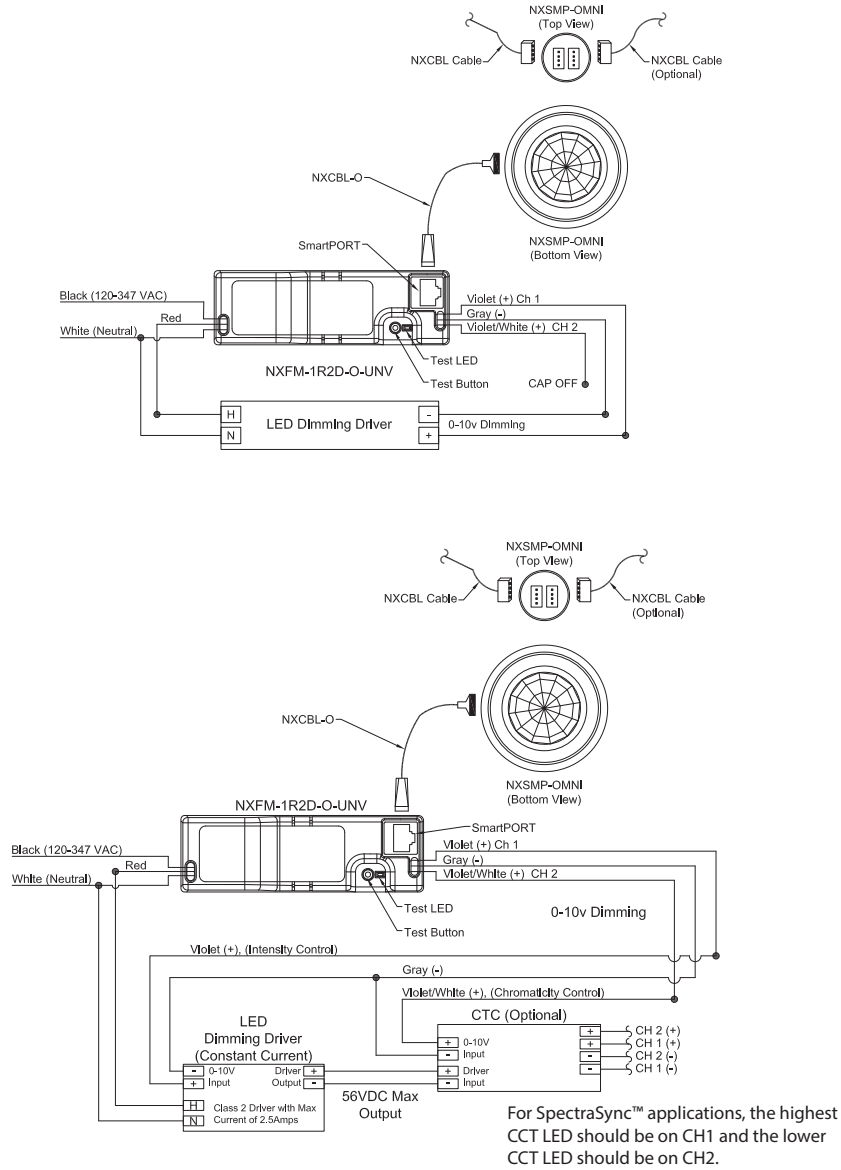
Dimensional Data



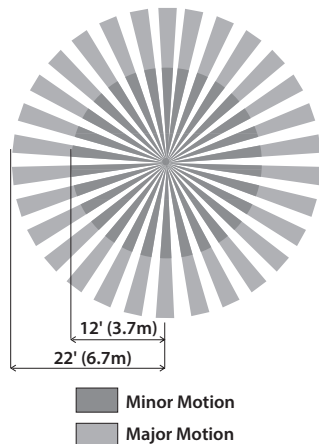
Ordering Information

NXSM	P	OMNI		
MODEL	TECHNOLOGY	SENSOR TYPE	APPLICATION TYPE	COLOR
NXSM NX Sensor Module	P Passive Infrared	OMNI	Blank Indoor O Outdoor	Blank White BK Black GY Gray

Wiring Information



Coverage Pattern



NXSM-OMNI Range

General Specifications

LED Indicators	Red - infrared motion
Timer Timeout	Automatic mode: 1 sec - 20 min
Test mode:	8 sec (for ease of testing during installation)
Passive Infrared (PIR)	Quad-element pyrometer
Coverage	1:2.75 (mounting height: coverage radius) up to 14'
Power Requirements	12VDC, 30 mA supplied by NXFM or NXRC
Standby Power (W)	120VAC: 0.1 277VAC: 0.1 347VAC: 0.2
Operating Environment	Operating Temperature: -40°F to 185°F [-40°C to 85°C] Relative humidity (non-condensing): 0 to 95% Suitable for use in return air plenum IP65 Rated (outdoor version only)
Construction	ABS (UL-945VA) flame class rating, UV inhibitors
Dimensions	External: 0.6" [19.0mm] H, 2.6" [65.0mm] D Internal Thread: 1.2" [25.4mm] L, 1.4" [35.6mm] D
Weight	3.2 oz [90.7g]
Color	White, Gray, Black
Mounting	Mounts in 1.5" diameter aperture, secured by supplied nut on threaded body Recommended max mounting height 12'
Certifications	Bluetooth Versions 4.1, FCC Part 15.247 FCC ID: YH9NXSMP IC: 9044A-NXSMP
Warranty	5-year limited

Default Settings

Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	15 Minutes
Photocell	Disabled