NXSMP2 Series
SLIDE MOUNT SENSOR - SMI

FEATURES

- Low profile architectural sensor that complement luminaire aesthetics
- Integrated 2.4GHz Wireless Mesh and Bluetooth for easy commissioning and communication
- PIR motion sensor for automatic On/Off control
- Integrated Hybrid Daylight Sensor for daylight harvesting
- Device configuration through NX Lighting Controls Mobile App
- Intelliscope enabled providing real time visibility of motion for improved accuracy of sensor sensitivity and time delay adjustments
- Simple plug-and-play connection to NX In-Fixture Modules
- Five-year limited warranty

SPECIFICATIONS

CONSTRUCTION
- Housing: ABS (UL-945VA) Flame Class Rating, UV Inhibitors
- Color: White
- 2.2oz (62.4g)
- 2.0" (54.61mm) L x 0.6" (19.1mm) W x 0.8" (20.32mm) H
- Complies for use in a plenum area

MOUNTING
- Mounting for in-fixture only; optional decorative mounting ring available
- Recommended Max Mounting Height: 12ft (3.65m)

ELECTRICAL
Input
- Input Voltage: 12-24VDC supplied by NXFM (NX Fixture Module)
- Power Consumption: 30mA
- Wiring: Uses NXV

Standby Power (W)
- 120VAC: 0.1W
- 277VAC: 0.1W
- 347VAC: 0.1W

OPERATING ENVIRONMENT
- Rated for Indoor Use Only
- Operating temperature: 32° to 149°F (0° to 65°C)
- Relative humidity (non-condensing) 0% to 95%

WIRELESS
- 2.4GHz: IEEE 802.15.1 based
- Bluetooth® Version V5.2

SENSOR
- Detection Technology: Passive Infrared Sensor
- 1:1 Coverage Pattern (mounting height: coverage radius)
- Max Mounting Height 12ft
- LED Indicator (Red) indicates occupancy detection

PROGRAMMING INTERFACE
- NX Lighting Controls Mobile App
- NX Area Controller (NXAC) for Network Applications

CERTIFICATIONS
- cULus Listed
- Complies with FCC Part 15.247
  - FCC ID: YH9NXSMP2SMI
  - IC: 9044A-NXSMP2SMI

WARRANTY
- 5 year limited warranty

72-00665 Rev. C
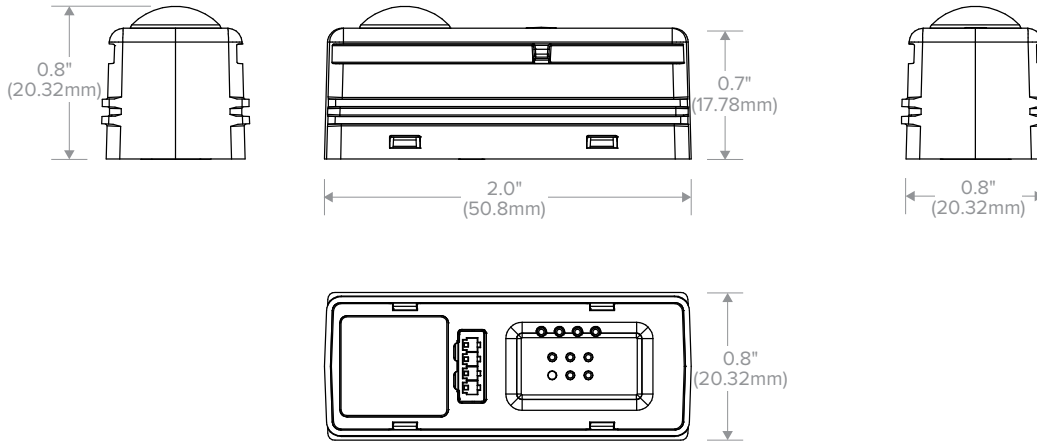
DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

NXSMP2 Series
SLIDE MOUNT SENSOR - SMI

ORDERING GUIDE

Example: NXSMP2 -SMI

CATALOG #

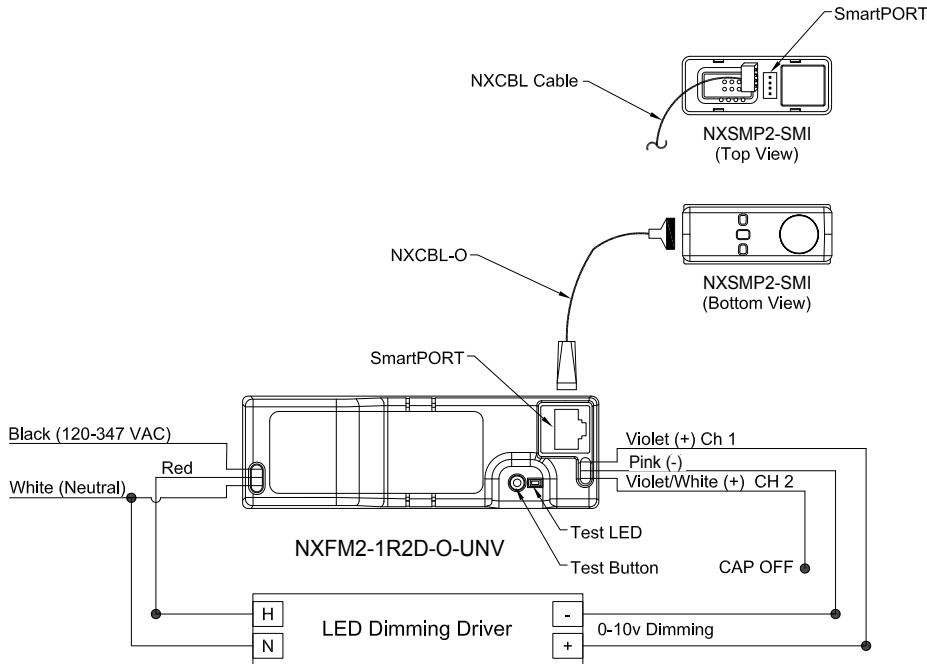| NXSMP2	—	SMI	
Model		**Sensor Type**	
NXSMP2	NX Digital Smart Sensor Gen 2 with Integrated Wireless, PIR and Daylight Harvesting	SMI	Slide Mount Indoor

DIMENSIONS

0.8"
(20.32mm)

0.7"
(17.78mm)

2.0"
(50.8mm)

0.8"
(20.32mm)

0.8"
(20.32mm)

ADDITIONAL INFORMATION

Wiring Diagrams

SmartPORT

NXCBL Cable

NXSMP2-SMI
(Top View)

NXCBL-O

NXSMP2-SMI
(Bottom View)

SmartPORT

Black (120-347 VAC)

Red

White (Neutral)

Violet (+) Ch 1
Pink (-)
Violet/White (+) CH 2

NXFM2-1R2D-O-UNV

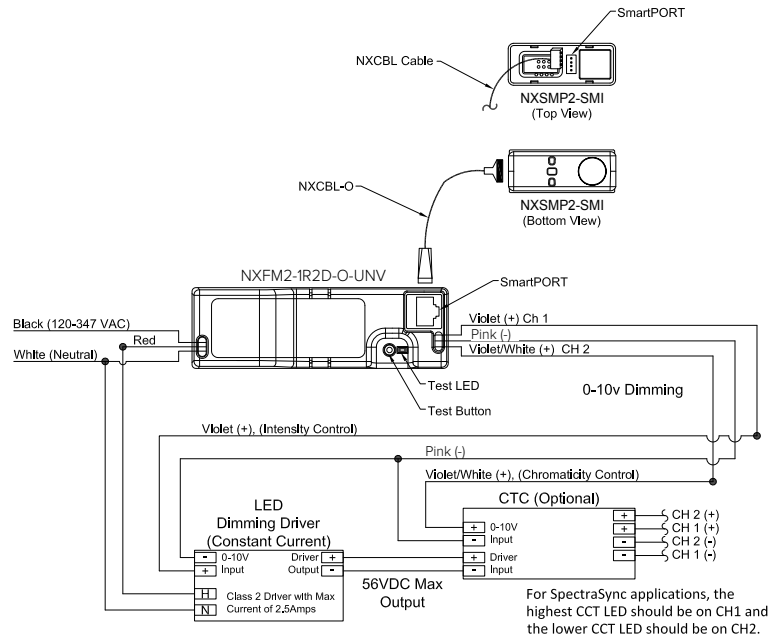Test LED

Test Button

CAP OFF

H
N

LED Dimming Driver

-
+

0-10v Dimming

Pink wire replace previous gray wire. Unit with a gray instead of pink wire should be wired as the pink wire shown in the diagram.

72-00665 Rev. C

NXSMP2 Series

SLIDE MOUNT SENSOR - SMI

ADDITIONAL INFORMATION (CONTINUED)

Wiring Diagrams (Continued)

SmartPORT

NXCBL Cable

NXSMP2-SMI
(Top View)

NXCBL-O

NXSMP2-SMI
(Bottom View)

NXFM2-1R2D-O-UNV

SmartPORT

Black (120-347 VAC)
Red
White (Neutral)

Violet (+) Ch 1
Pink (-)
Violet/White (+) CH 2

Test LED
Test Button

0-10v Dimming

Violet (+), (Intensity Control)

Pink (-)

Violet/White (+), (Chromaticity Control)

CTC (Optional)

LED
Dimming Driver
(Constant Current)

0-10V
Input
Driver
Output

56VDC Max
Output

Class 2 Driver with Max
Current of 2.5Amps

0-10V
Input
Driver
Input

CH 2 (+)
CH 1 (+)
CH 2 (-)
CH 1 (-)

For SpectraSync applications, the
highest CCT LED should be on CH1 and
the lower CCT LED should be on CH2.

Pink wire replace previous gray wire. Unit with a gray instead of pink wire should be wired as the pink wire shown in the diagram.

Coverage Pattern

8′ (2.5m)

8′ (2.5m)

16′ (5m)
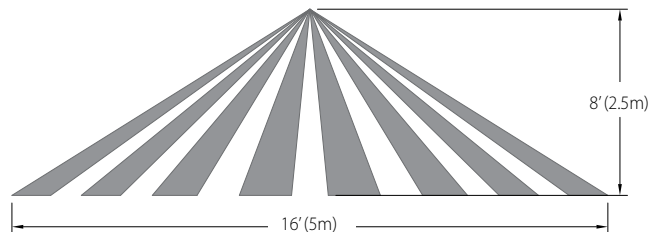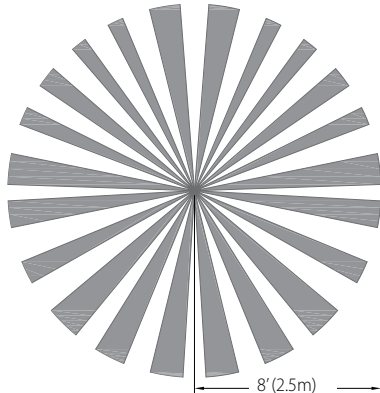
Default Settings

Occupancy Sensor	Enabled
Occupancy Sensor Sensitivity	7
Occupancy Sensor Timeout	15 Minutes
Occupied Dim Level	100%
Unoccupied Dim Level	0%
Daylight Sensor	Disabled
Bluetooth	Enabled
2.4GHz Wireless Mesh	Off
Passcode	Enabled (Factory Passcode: HubbN3T!)

72-00665 Rev. C

NX_3605A-NXSMP2-SMI_spec_R02