NXRM2 Series
INDOOR AND OUTDOOR - NX RADIO MODULE

FEATURES

- Low profile architectural design that compliment luminaire aesthetics

- Integrated 2.4GHz Wireless Mesh and Bluetooth for easy commissioning and communication

- Device configuration through NX Lighting Controls Mobile App

- Simple plug-and-play connection to NX In-Fixture Modules and NX Room Controllers

- Indoor and Outdoor Rated

- Five-year limited warranty

SPECIFICATIONS

CONSTRUCTION
- Housing: ABS (UL-945VA) Flame Class Rating, UV Inhibitors

- Color: White, Black, Gray

- 4.0oz (113.4g)

- Overall Dimensions: 2.15" (54.61mm)H x 1.49" (37.84mm) W

- Mounting Barrel: 1.45" (36.83mm) H x 1.2" (30.48mm) W

- Complies for use in a plenum area

MOUNTING
- Mounts in 1.25" diameter aperture secured by supplied nut on threaded body

ELECTRICAL
- Input

  - 12-24 VDC Class 2 supplied by NXFM (NX Fixture Module) or NXRCFX (NX Room Controller)

  - Power Consumption: 10mA

  - Wiring: Uses NXCBL

- Standby Power (W)

  - 120VAC: 0.1W

  - 277VAC: 0.1W

  - 347VAC: 0.1W

OPERATING ENVIRONMENT
- Rated for Indoor and Outdoor Use IP65 Rated

- Operating temperature: -40°F to 185°F (-40°C to 85°C)

- Relative humidity (non-condensing) 0% to 95%

WIRELESS
- 2.4GHz: IEEE 802.15.4 based

- Range: Indoor ~100ft (30m) Note: actual range is dependent upon building construction and radio location

- Range: Outdoor ~300ft (91m) Note: Range based on Clear Line of Sight

- Recommended Deployment Practices: Locate three radios within a 300

- Bluetooth® Version 5.2 (Range: Up to 50ft – Clear Line of Sight)

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: YH9NXRM2

  - IC: 9044A-NXRM2

WARRANTY
- 5 year limited warranty
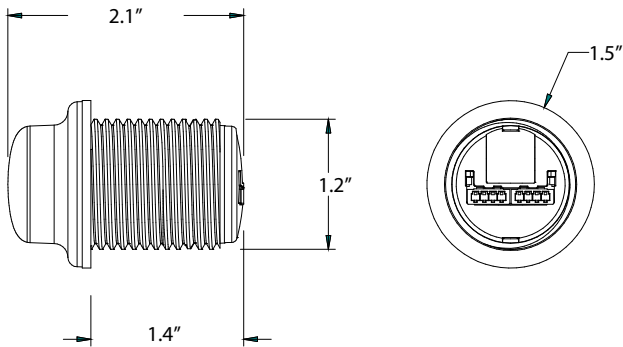
- See website for additional information

currentlighting.com

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ORDERING GUIDE

Example: NXRM2-H-BK

CATALOG # [ ]

NXRM2		–	H		–		
Model			**Sensor Type**			**Color**	
NXRM2	NX Network Radio Module Gen 2 with Integrated Wireless and Bluetooth		**H**	NX Network Radio Module		**Blank**	White
						BK	Black
						GY	Gray

DIMENSIONS

2.1″

1.5″

1.2″

1.4″

ADDITIONAL INFORMATION

Wiring Diagrams

NXRM2-H
(Top View)

NXCBL Cable

NXCBL-O

SmartPORT

Black (120-347 VAC)

White (Neutral)

Red

NXRM2-H

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

Test LED

Test Button   CAP OFF

NXFM2-1R2D-O-UNV

| H | LED Dimming Driver | - | 0-10v Dimming |
| N | | + | |
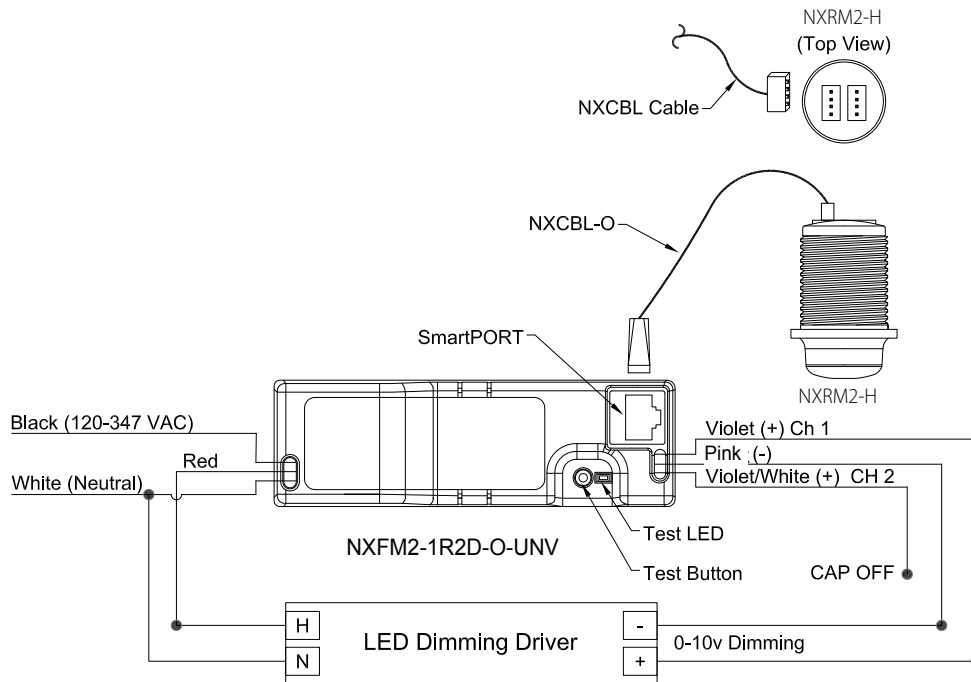
NXRM2 with Sensor

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. B

NXRM2 Series

INDOOR AND OUTDOOR - NX RADIO MODULE

ADDITIONAL INFORMATION (CONTINUED)
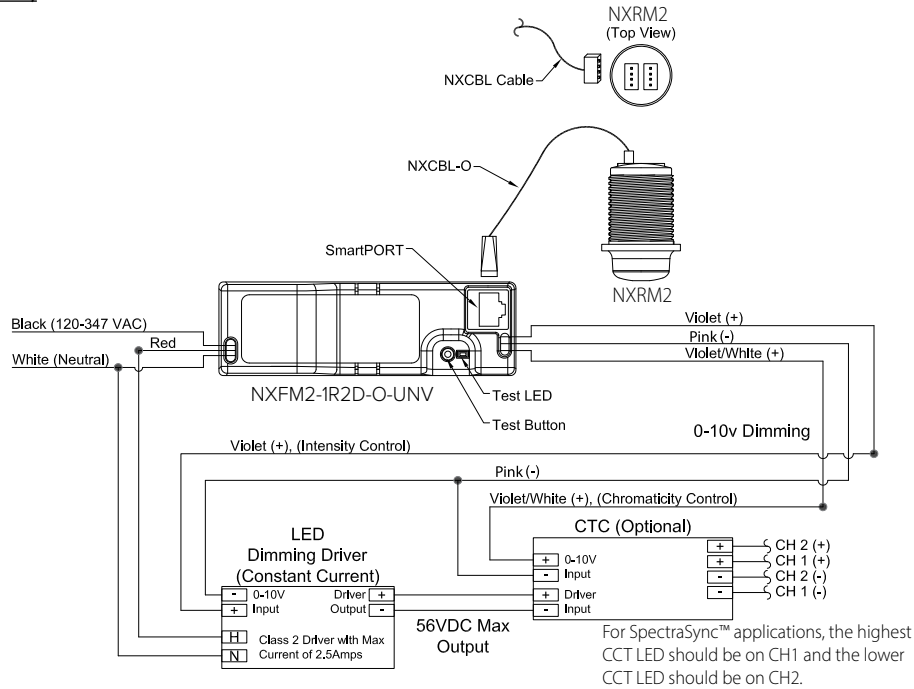
Wiring Diagrams (continued)

NXRM-H with Optional CTC

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.

Default Settings

Bluetooth	Enabled
2.4GHz Wireless Mesh	Off
Passcode	Enabled (Factory Passcode: HubbN3T!)

72-00665 Rev. B

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