

OVERVIEW

The nLight nHW 13 Series occupancy sensor provides long narrow PIR detection for control of hallway lighting. Typically mounted at either end, these sensors detect occupants entering a hallway up to 130 ft (39.62 m) away. Detection at this distance is for entrances at right angles to the beam pattern. Additionally, the nHW 13 may be used in combination with other nLight sensors to customize coverage for very long or irregularly shaped corridors. For example, an nCM 10 ceiling sensor may be in a entrance vestibule at one end of a hallway while the nHW 13 is at the other. The nHW 13 is best mounted at a 7 ft (2.13 m) height.

FEATURES

- PIR Occupancy Detection
- Coverage up to 130 Linear Feet
- Communicates w/ nLight Network
- Remotely Configurable/Upgradeable
- Push-Button Programmable w/o Removing Cover
- Adjustable Time Delay
- 100 Hr Lamp Burn-in Timer

Warranty

Five-year limited warranty. Complete warranty terms located at:

www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.



nHW 13 Hallway Sensor



This item is an A+ capable component, which has been designed and tested to provide out-of-the-box luminaire compatibility with simple commissioning, when included as part of an A+ Certified™ Solution.

To learn more about A+, visit www.acuitybrands.com/aplus.

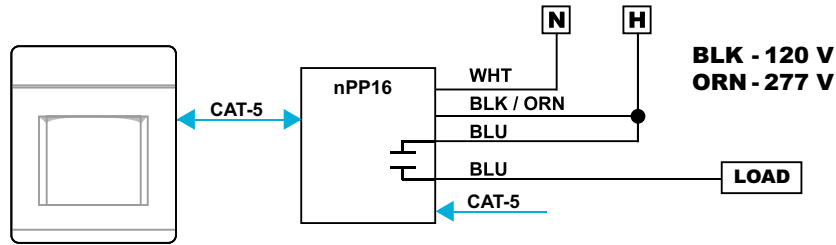


ORDERING INFORMATION

| nHW 13 | | Example: nHW 13 LT | |
|---------------|----------------|----------------------|----------|
| Series | | Temp/humidity | |
| nHW 13 | Hallway Sensor | [blank] | Standard |
| | | LT | Low temp |

WIRING (DO NOT WIRE HOT)

Sensor power is provided via the CAT-5e connection to an nLight power pack/supply or Bridge. T568B pin/pair assignment is recommended for all CAT-5e cables.

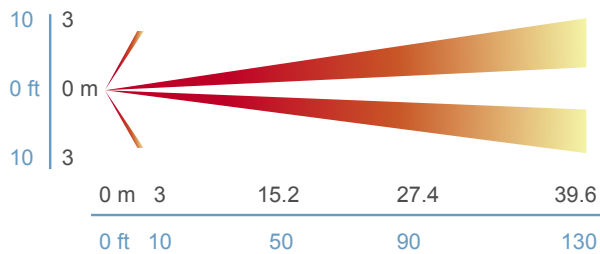


COVERAGE PATTERN

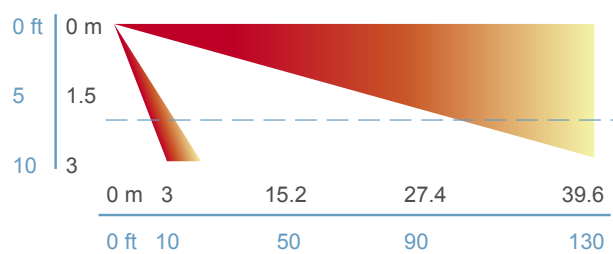
HALLWAY LENS

- Provides large motion (e.g. walking) detection up to 70 ft (21.34 m) when mounted at 7 ft (2.13m).
- Up to 130 ft (39.62 m) linear coverage when mounted at 10 ft (3.05 m).
- Recommended for use in pairs with one at either end of hallway.

TOP VIEW



SIDE VIEW



MOUNTING

CEILING MOUNT BRACKET (WV-BR)

The WV BR Ceiling Mount Bracket allows the nHW 13 to be mounted from the ceiling for conditions where mounting to the wall is not possible.

TILT ADJUSTMENT

| Mt. Ht. | Position |
|-----------|-----------|
| 7' - 8' | Vertical |
| 8' - 9' | Center |
| 9' - 10' | Forward |
| Above 10' | Use WV BR |



SPECIFICATIONS

| | | |
|----------------------|---|---|
| Electrical | Input Ratings | 15-24VDC, 3mA, Class 2 (nLight network power) |
| Mechanical | Dimensions | 3.60H" x 3.00W" x 1.75D" (91mm x 76mm x 45mm) WV BR Bracket (KIT Option): 4.70"W x 3.30"D (119mm x 84mm) |
| | Mounting | Directly to corner or Surface mount to ceiling if using WV BR bracket (KIT Option) |
| | Color | White |
| | Connection Type | RJ-45 nLight Network Ports (2 ports via included RJ-45 splitter) |
| Environmental | Warrantied Operating Temperature | Standard: 14°F to 185°F (-10°C to 85°C) LT option: -4°F to 185°F (-20°C to 85°C) |
| | Relative Humidity | Up to 90%, Non-Condensing |
| | Standards/ Ratings | RoHS |
| | General | Standards/ Ratings |