

NLCSP1HW1WH

NLC Wireless Integrated Low-Voltage PIR/Daylight Sensor

Product Description

The NLCSP1HW1WH is an integrated low-voltage Bluetooth wireless PIR/Daylight sensor designed for the NICOR NLC System, making it perfect for your Luminaire Level Lighting Controls (LLCs) needs. Constructed from the highest-rated fire retardant material, it provides 360° coverage at heights ranging from 8 to 18ft with a coverage diameter up to 40ft. With long-term flexibility, better occupant experience, and cost efficiency compared to non-controlled fixtures, the NLCSP1HW1WH is an ideal choice for indoor office spaces. Setup and commissioning requires the NICOR NLC mobile app (iOS and Android).

Construction & Materials

- Made of fire retardant plastic (UL 94-5VA)
- IP20

Network Technology

- Bluetooth Low Energy (BLE) 4.2 / 5.0 with mesh networking
- Bluetooth range: up to 100ft (line of sight)
- Commissioned via NICOR NLC app (iOS and Android compatible)
- UL1376 Cyber Security Certification

Electrical

- Input voltage: 12V DC
- Output current: 10mA Max
- Output power: 0.1W
- Dimming: Class 2, 0-10V DC, 10mA Max
- Operating temperature rating of -22°F to 131°F (-30°C to 55°C)

Product Compatibility

- TACSv2

Listings

- cULus Listed LED Controller E504054
- UL8750
- DLC NLC5 listed
- RoHS compliant

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)

Project _____

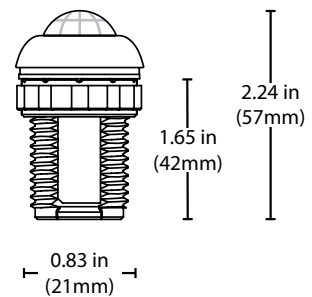
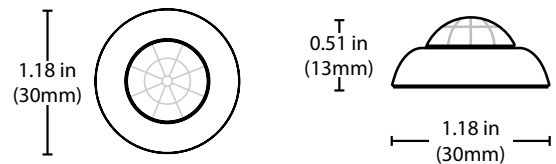
Catalog _____

Type _____

Date _____



Sample product application image



Ordering Information

Example: NLCSP1HW1WH

Series	Product	Sensor Type	Mounting Type	Mounting Style	Connector Type	Version	Finish
NLC	S (Sensor)	P (PIR)	I (Internal Mount)	H (Through Hole)	W (Wired)	1	WH (White)

Specifications and dimensions subject to change without notice.

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Performance Data

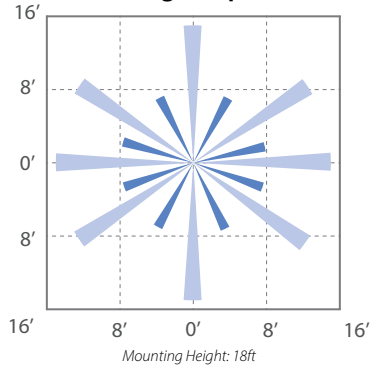
NLCSPCW1WH - *Medium Mount*

Mounting Height: **8ft to 18ft**

Designed for mounting height between 8ft and 18 ft, with coverage area up to 32ft in diameter when mounted at 18ft.

Application: 360° coverage, suitable for open area and aisleway coverage in high bay application.

Coverage: Top View



Coverage: Side View

