

NLCSPSS1WH

Snap-in PIR Sensor

Product Description

The NLCSPSS1WH is a low-voltage Bluetooth wireless PIR/Daylight sensor designed for seamless integration with NICOR sensor-ready fixtures, making it perfect for your Luminaire Level Lighting Controls (LLCs) needs. Constructed from the highest-rated fire retardant material, this sensor offers easy installation and use, providing 360° coverage at heights ranging from 8 to 18ft. Setup and commissioning requires the NICOR NLC mobile app (iOS and Android compatible).

Construction

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

Network Technology

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

Electrical

- Input voltage: 12VDC
- Input current: 25mA Max
- Input power: .3W
- Output current: 10mA Max
- Output power: .1W
- Dimming: Class 2, 0-10VDC, 10mA Max
- Sinking Current: 10mA Max
- Operating temperature rating: -22°F to 131°F (-30°C to 55C)

Mounting and installation

- For NICOR sensor-ready fixtures
- Easily snaps into place on fixture frame

Listings

- cULus Listed LED Controller
- DLC NLC5 listed
- UL8750
- IP20
- UL1376 Cyber Security Certification
- RoHS compliant

Warranty

Product Information

Input Voltage (V):	12V DC
Output Power(W):	0.1 W
Sinking Current (A):	10mA Max
Dimming:	Class 2, 0-10V DC
Wireless Protocol	Bluetooth 5.0
Wireless Frequency (GHz)	2.4 GHz
Wireless Range (Open Air)	100ft Max

Project

Catalog

Type

Date



Ordering Information

Example: NLCSPSS1WH

Series	Product	Sensor Type	Mounting Type	Version	Finish
NLC	S (Sensor)	P (PIR)	SS (Snap-in Sensor)	1 (Standard Bluetooth)	WH (White)

Specifications and dimensions subject to change without notice. Please refer to the website for the most up-to-date information.

Performance Data

Default Factory Settings

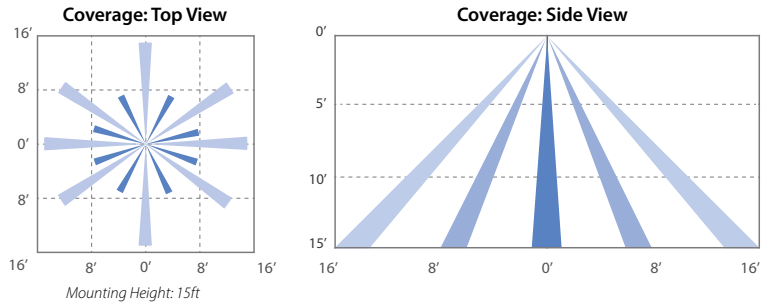
Motion Mode	Occupancy
Motion sensor	ON
Photo sensor	OFF
Hold time	20 min
Standby time	1 min
Dim level	50%
Sensitivity	100%
High Trim	100%

Note: Photo Sensor's default ON mode will be minimum of 50 fc and maximum of 150 fc.

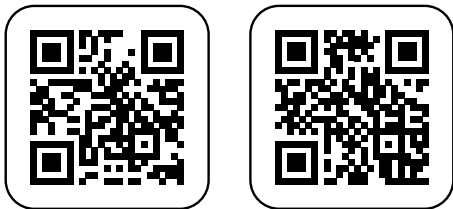
NLCSPSS1WH

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

Designed for mounting height between 8ft and 18 ft, with detection range up to 40ft when mounted at 18ft.



Download the NICOR NLC App



Scan QR code or click on buttons to download the NICOR NLC App. NICOR NLC App will need access to network and Bluetooth. Accept prompt to allow access to photos for QR codes to be automatically saved in your album.

For more information check our [NICOR NLC Commissioning Guide](https://nicorlighting.com/NLC/NLC%20Commissioning%20Guide.pdf).
(<https://nicorlighting.com/NLC/NLC%20Commissioning%20Guide.pdf>)

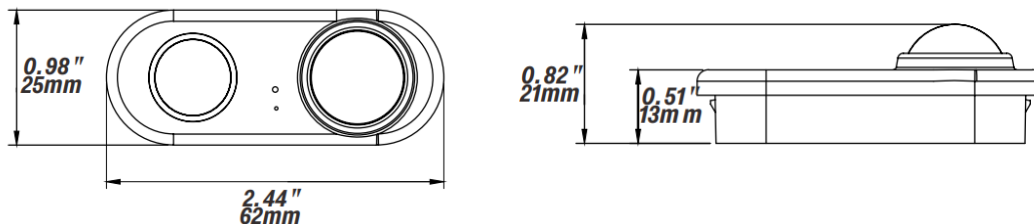
NICOR NLC SYSTEM CAPACITY

Luminaires	Up to 100 lights can be paired per zone.
Luminaire/Group	NLC enabled light can be added up to 20 groups per zone.
Scene	Single light / one bluetooth node can be set up to 32 scenes. Up to 127 scenes in total can be set per zone. Only 3 scenes can be loaded into 5-button switch (NLCW51WH)
Schedule	Up to 32 schedules can be set per zone.
Switch	Up to 10 switches can be set per zone.
Zones	Unlimited number of zones can be added to the app.
Data Persistence	All settings (sensor, group, scene, parameters and switch) are saved on individual luminaire controllers so the system can run without network connection or after a power outage.
Max Distance:	Maximum of 100ft distance between NLC Bluetooth nodes without obstruction.

Note:

If an enabled luminaire or Bluetooth node or group or switch exceeds its maximum capacity, the App will automatically delete the first fixture / Bluetooth device you paired or added.

Dimensions



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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