NLCEFS106-WHBL

Plug and Play Outdoor Long-Range Sensor w/Lens

Project

Catalog

Type

Date

Product Description

The NLCEFS106-WHBL is a low voltage Bluetooth wireless PIR/Daylight sensor. The integrated 3.5mm jack is designed for easy installation with socket sensor enabled outdoor luminaires. It provides 360° coverage at heights ranging from 20-40ft with the standard WHBL102B lens. Setup and commissioning requires the NICOR NLC mobile app (iOS and Android). Additional Lens options are available, see the accessories section.

Construction
- Housing Material Flame Rating: UL 94-5VA
- One-piece UV-rated nylon housing
- IP66 / Wet-Location

Network Technology
- Bluetooth Low Energy (BLE) 4.2 / 5.0, 2.4 GHz ±75 MHz with mesh networking
- Bluetooth range: up to 328ft (line of sight)
- Commissioned via NICOR NLC app (IOS and Android compatible)
- UL1376 Cyber Security Certification

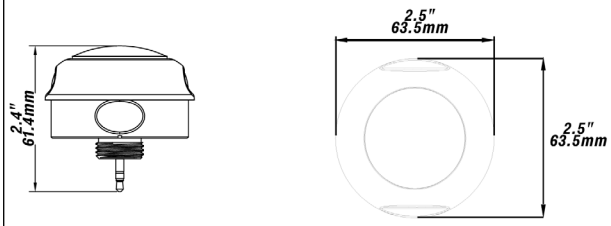
Electrical
- Input voltage: 12 VDC
- Input current: 50 mA Max
- Input power: 0.6 W
- Output current: 10 mA Max
- Output power: 0.1 W
- Dimming control: Class 2, 0-10 VDC, 10 mA Max
- Sinking current: 10 mA Max
- Driver requirement: Requires Dim-to-Off LED drivers with 12V AUX output
- Operating temperature: -30°C to 55°C (-22°F to 131°F)
- Storage Temperature:-30°C to 85°C (-22°F to 185°F)

Mounting and installation
- Outdoor / Wet Location applications

Listings
- cULus Listed LED Controller
- DLC: NLC5
- UL8750 Compliant
- RoHS Compliant
- Wet Location Rated (IP66)
- Supports T24 Compliance

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





Ordering Information

Part Number	Description
NLCEFS106-WHBL	Outdoor Long-Range Sensor (NLCEFS106AUXWD1) + Outdoor Lens (NLCWHBL102B) Kit

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

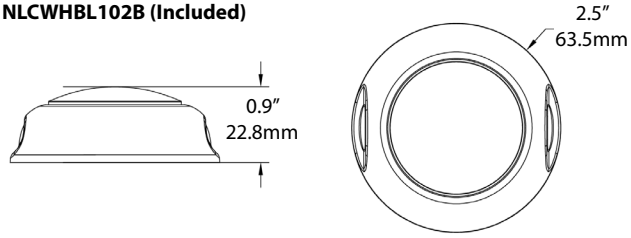
Performance Data

Accessories*

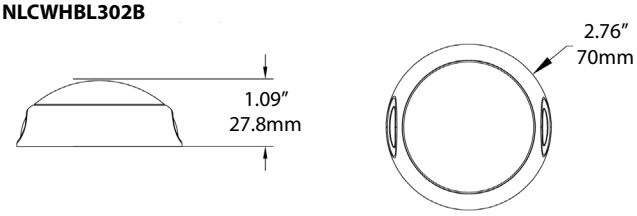
**accessories sold separately unless otherwise specified*

3 pin to 3.5 mm jack, IP66 Rated. ☐ **NLCWSC06W**

NLCWHBL102B (Included)



NLCWHBL302B



Download the NICOR NLC App

GET IT ON Google Play

Download on the App Store

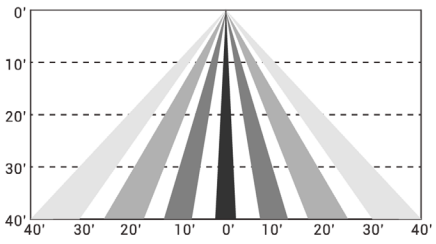
Scan QR code or click on buttons to download the NICOR NLC App. NICOR NLC App will need access to network and Bluetooth. Accept prompt to allow access to photos for QR codes to be automatically saved in your album.

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

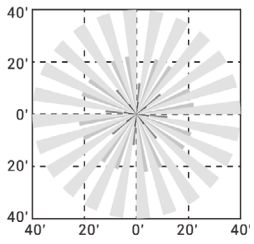
NLCWHBL102B

Mounting Height: 40ft

Coverage Side View



Coverage Top View

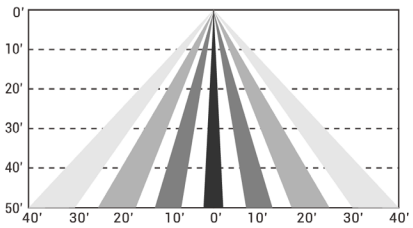


Height 40ft

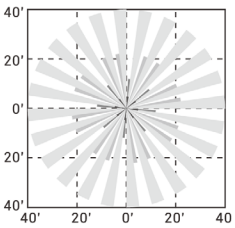
NLCWHBL302B

Mounting Height: 50ft

Coverage Side View



Coverage Top View



Height 50ft

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.