NLCWPPA102AUXWC1

Plug and Play Bluetooth High Bay Outdoor Long-Range Control Node

Project

Catalog

Type

Date

Product Description

The NLCWPPA102AUXWC1 is a Bluetooth control node designed for outdoor and wet-location applications. It has an enhanced antenna that supports wireless communication up to 328 feet (100 meters) between system nodes. The UV resistant and IP66 rated enclosure protects against harsh environments while ensuring reliable performance. The device is commissioned using the NICOR NLC app for iOS and Android (iOS and Android).

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

Network Technology
- Bluetooth Low Energy (BLE) 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

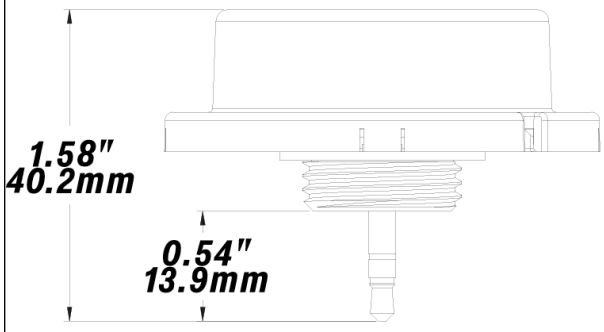
Electrical
- Input voltage: 12 VDC
- Input current: 41 mA max
- Input power: 0.5 W
- Output current: 10 mA Max
- Output power: 0.1 W
- Dimming control: Class 2, 0-10 VDC, 10 mA Max
- Sinking current: 10 mA Max
- Operating temperature: -30°C to 55°C (-22°F to 131°F)
- Storage Temperature:-30°C to 85°C (-22°F to 185°F)

Mounting and installation
- Outdoor / Wet Location applications

Listings
- cULus Listed
- DLC NLC5
- UL8750 Compliant
- UL 1376
- RoHS Compliant
- Wet Location Rated (IP66)

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



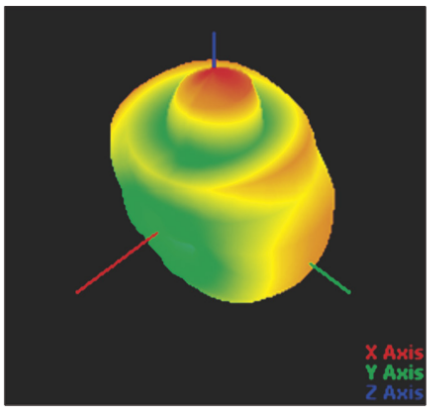


Ordering Information

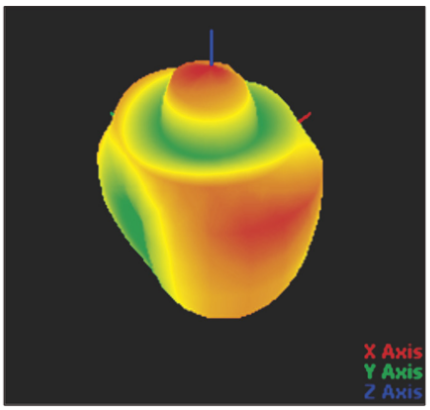
Part Number	Description
NLCWPPA102AUXWC1	**Plug and Play Bluetooth High Bay Outdoor Long-Range Control Node**

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

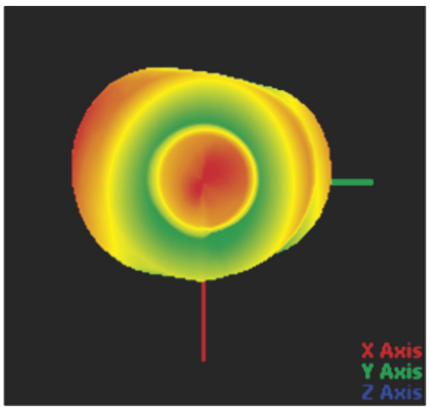
Transmission Data



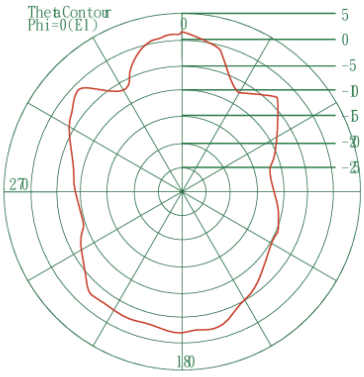
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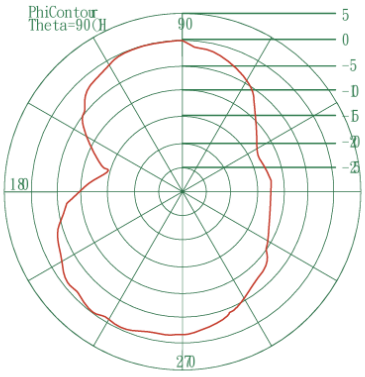
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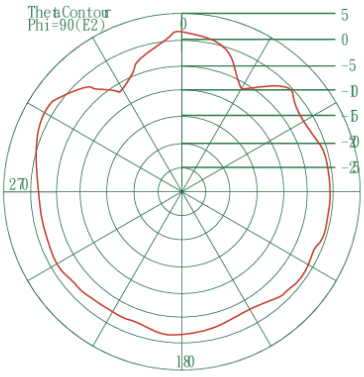
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XOZ



XOY



YOZ

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)

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.