NLCEFS107EA0

Bluetooth Network Dual-Tech Ceiling Sensor

Project

Catalog

Type

Date

Product Description

The NLCEFS107EA0 is a low-voltage, dual-tech ceiling mount room sensor that combines PIR and ultrasonic technologies to provide high accuracy and wide coverage. It is equipped with the AlgoH™ algorithm to maximize detection while reducing false-ON triggers. The NLCEFS107EA0 sensor incorporates daylight harvesting and is intended to operate with a luminaire controller NLCPPA104SB1. The NLCPPA104SB1 is commissioned with the NICOR NLC app.

Construction
- Housing Material Flame Rating: UL94-5VA
- Color: White
- IP20

Communication Technology
- Uses an Eco-Port (RJ45-based connection)

Electrical
- 12V DC
- Operating temperature: -30°C to 55°C, -22°F to 131°F
- Storage temperature: -30°C to 85°C, -22°F to 185°F

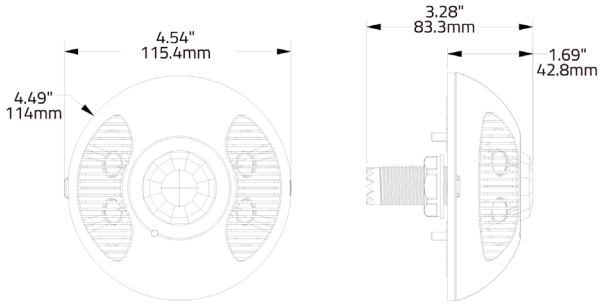
Mounting and installation
- Ceiling mounted
- Max Mounting Height: 10ft

Listings
- RoHS Compliant
- TAA
- Supports T24 Compliance

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







Ordering Information

Part Number	Description
NLCEFS107EA0	**Bluetooth Network Dual-Tech Ceiling Sensor**

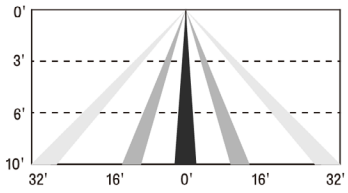
Specifications and dimensions subject to change without notice. Please refer to the website for the most up-to-date information.

Performance Data

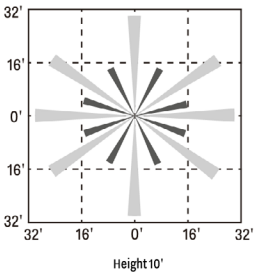
NLCEFS107EA0 - *Mount Height*

Mounting Height: 10'

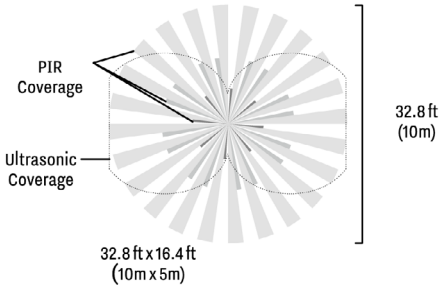
PIR Coverage Side View



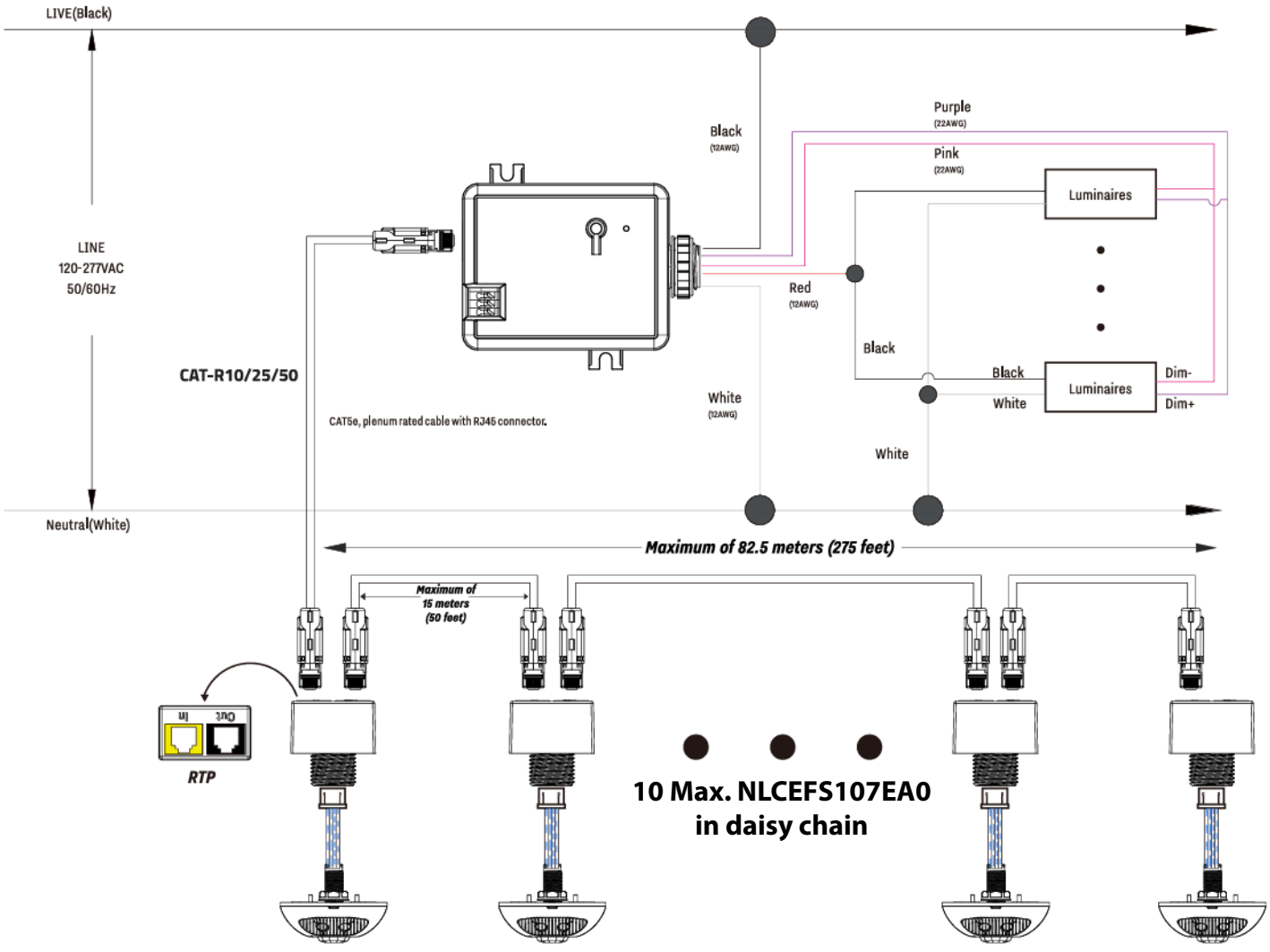
PIR Coverage Top View



PIR+Ultrasonic Coverage Top View



Wiring Diagram



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.