

INTRINSIX



IX-SENSORS



PRODUCT PROFILE

IX-SENSORS

NETWORK LIGHTING CONTROLS



Description

Sensors

Low voltage high bay sensors are ideal for Luminaire Level Lighting Control (LLLC/NLC5) applications.

Featuring integrated daylight harvesting and PIR motion sensors, the sensors are designed for pre-installation in linear high bay or UFO high bay luminaires. IX-sensors are equipped with the AlgoH algorithm to maximize detection for high bay applications up to 40ft without false triggers.

Nodes

The nodes are a great solution and cost savings. Instead of having to install sensors for every fixture you can install the nodes and link up multiple fixtures off of one sensor.

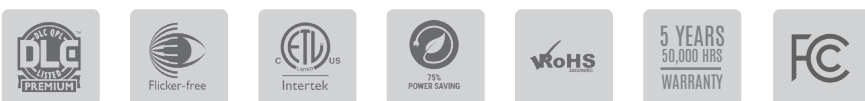
Specifications

Dimming: 0-10v
 Voltage: 12V
 Warranty: 5 years



Sensor details

Product Number	Input/Output Voltage (DC)	Input/Output Max Current (mA)	Input/Output Power (W)	Dimming (V)	Operating Temp.	Location & type	IP Rating	Bluetooth Transmit (Max)
IX-NLCZ10-PIR-I	12/10	50 /10	0.6W/ 0.1	0-10	-22°F to 131°F	Indoor Sensor	IP40	100'
IX-NLCZ10-NOD-I	12/10	41 /10	0.5W/ 0.1	0-10	-22°F to 149°F	Indoor Node	IP40	100'
IX-ONLCZ10-PIRPH-O	12/10	50 /10	0.6W/ 0.1	0-10	-22°F to 131°F	Outdoor Sensor	IP66	328'
IX-NLCZ10-NOD-O	12/10	41 /10	0.5W/ 0.1	0-10	-22°F to 149°F	Outdoor Node	IP66	328'
IX-NLCAUX-PIRPH-O	12/10	50 /10	0.6W/ 0.1	0-10	-22°F to 131°F	Outdoor Sensor	IP66	328'
IX-NLCAUX-NOD-O	12/10	41 /10	0.6W/ 0.1	0-10	-22°F to 149°F	Outdoor Node	IP66	328'



Model Range Features

Indoor Sensors



IX-NLCZ10-PIR-I
Indoor Sensor

- Low voltage high bay sensor
- Luminaire Level Lighting Control (LLLC/NLC5) applications.
- Plug and Play with sensor port pre-installed
- Bluetooth network technology
- Designed for High Bay applications
- AlgoHTM algorithm enhances performance in high bay applications
- Built-in analog PIR sensor
- Replaceable lens options
- 12V DC input
- Daylight harvesting available

Indoor Nodes



IX-NLCZ10-NOD-I
Waterproof DC Fixture Control

- Bluetooth node
- IP66 housing
- indoor and outdoor applications.
- designed for luminaires supplying 12V DC and 0-10 dim-to-off driver
- Enables wireless link to other Keilton devices.

Outdoor Sensors



IX-ONLCZ10-PIRPH-0



IX-NLCAUX-PIRPH-0

- Bluetooth wireless luminaire level lighting controls (LLLC)
- For commercial outdoor/indoor luminaires that require a IP66/ Wet Location.
- 3-different style sockets (BH4-W, 3.5MM AUX, Zhaga Z10).
- Daylight harvesting+PIR sensing technology with AlgoH™ algorithm to maximize detection for mounting up to 40 feet without false triggers
- Photocell version available in EFS106-W.B2
- Design enables color-tuning
- WHBL1 lens options (sold separately)
- UV-Protection Nylon Housing
- Black/White Finish
- Enhanced long range antenna,
- Bluetooth Transmit range: 328ft max
- Lens sold separately, requires lens such as WHBL1
- Requires Dim-to-Off LED drivers with 12V AUX output
- Requires one of the BH4W/WSC01-AUX/Zhaga receptacles

Outdoor Nodes



IX-NLCZ10-NOD-O

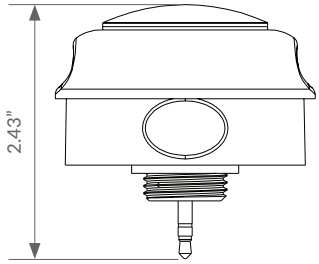


IX-NLCAUX-NOD-O

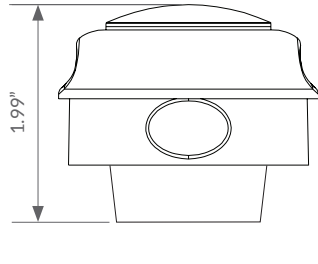
- Enhanced antenna with 328ft transmit distance,
- Ideal for outdoor applications, with longer distances between system nodes.
- Outdoor IP66-rated controller housing features a black finish designed to complement commercial outdoor luminaires, with nylon UV-rated material.
- IP66 waterproof
- 4-pin design enables color-tuning
- Enables wireless linking to other Keilton devices
- Requires Dim-to-Off LED drivers
- Requires Keilton BH4W receptacle

Model Dimensions & Wiring

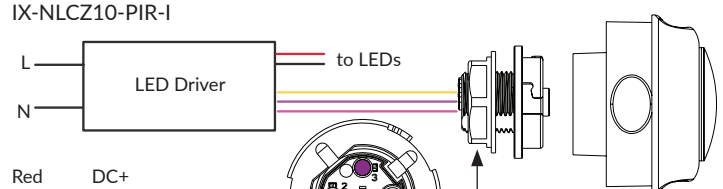
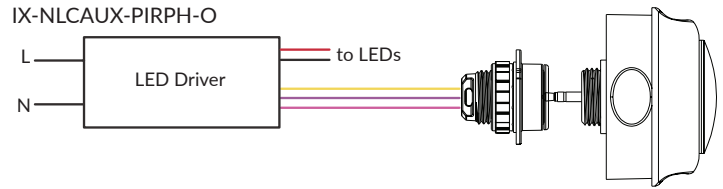
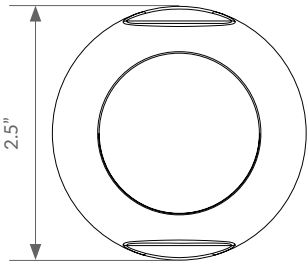
Outdoor Sensors



IX-NLCAUX-PIRPH-O



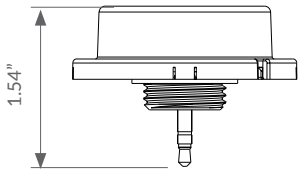
IX-NLCZ10-PIR-I



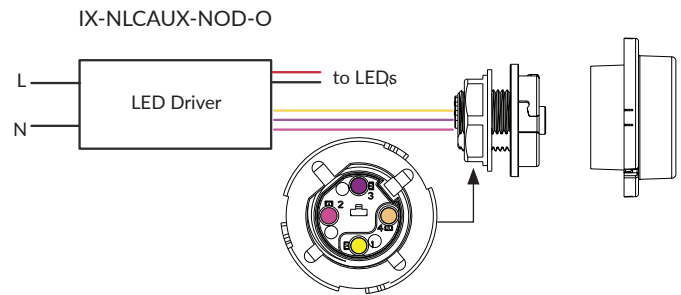
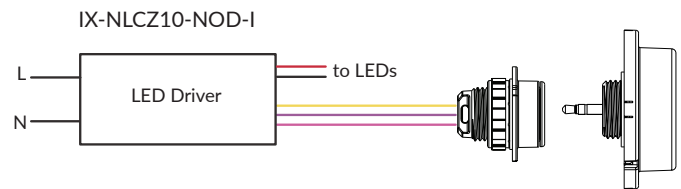
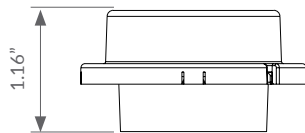
- Red DC+
- Black DC-
- Yellow 12V+ 22AWG
- Purple Dim+ 22AWG
- Pink GND 22AWG

Outdoor Nodes

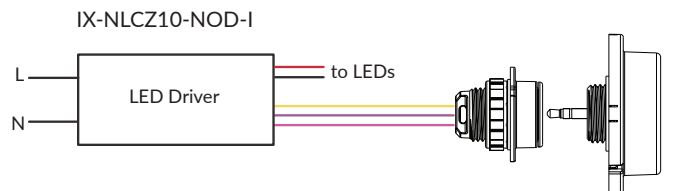
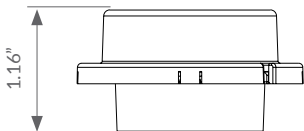
IX-NLCZ10-NOD-I



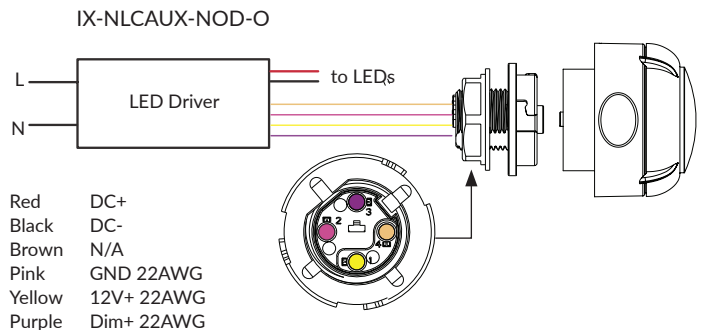
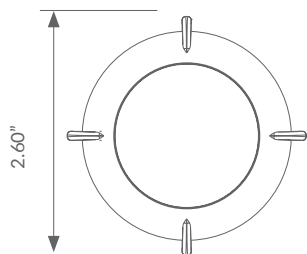
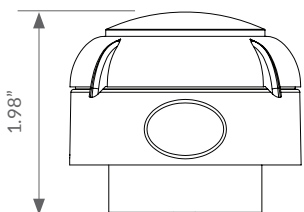
IX-NLCAUX-NOD-O



Indoor Node



Indoor Sensor



- Red DC+
- Black DC-
- Brown N/A
- Pink GND 22AWG
- Yellow 12V+ 22AWG
- Purple Dim+ 22AWG