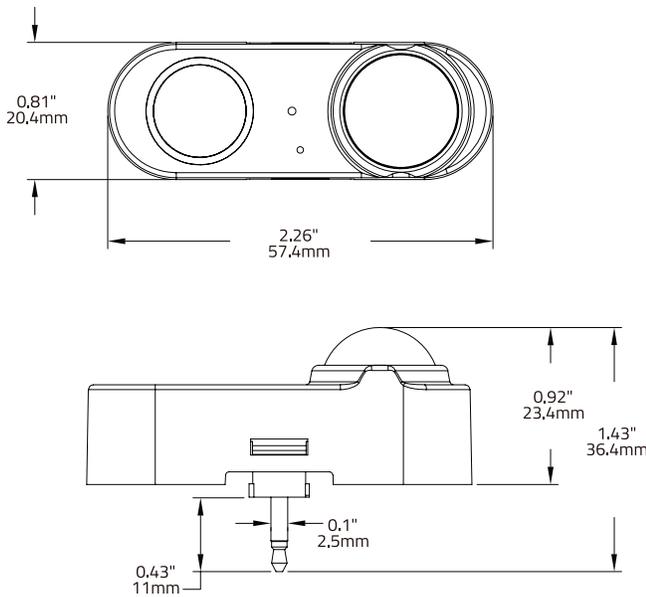




**Dimensions**



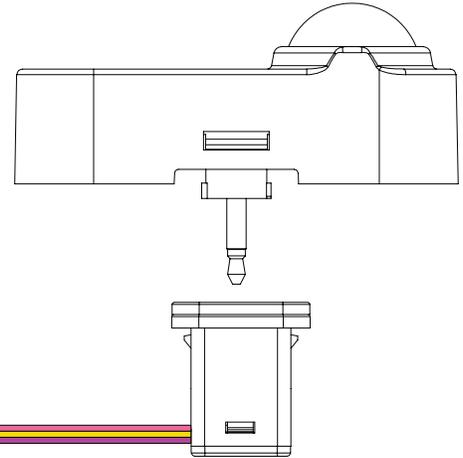
**FEATURES**

The IntelliCast Sensor ready is a compact, Bluetooth mesh wireless low-voltage fixture controller designed for luminaire-level lighting control (LLLC/NLC5) applications. Featuring integrated daylight harvesting and PIR motion sensing, it transforms standard luminaires into intelligent, energy-efficient lighting solutions. Its small form factor allows for discreet installation, maintaining a clean fixture appearance, and it easily integrates with most 0–10V dim-to-off drivers equipped with a 12V auxiliary power output. The unit installs quickly using a simple snap-in mounting method and is available in both white and black finishes. Commissioning and control are handled through a mobile app, keypad, or additional sensors, enabling flexible configuration and operation. The Bluetooth mesh network ensures stable and secure wireless communication, while the system automatically restores to an “on” state after power interruptions. Designed for use in small- to medium-sized environments such as schools and offices, this sensor is suitable for both dry and damp locations.

INPUT VOLTAGE	DC 12V
INPUT CURRENT	25mA Max
INPUT POWER	0.3W
BLUETOOTH TRANSMIT	100ft Max
RADIO FREQUENCY	2.4GHz ± 75MHz
BLUETOOTH VERSION	5.0
HOUSING MATERIAL	UL 94-5VA
APPLICATION	Indoor Use Only
OPERATING TEMP.	-30°C to 55°C, -22°F to 131°F
IP RATING	IP20
FINISH	White
WARRANTY	5 year warranty
IP RATING	IP20
COMPLIANCE	UL8750, RoHS

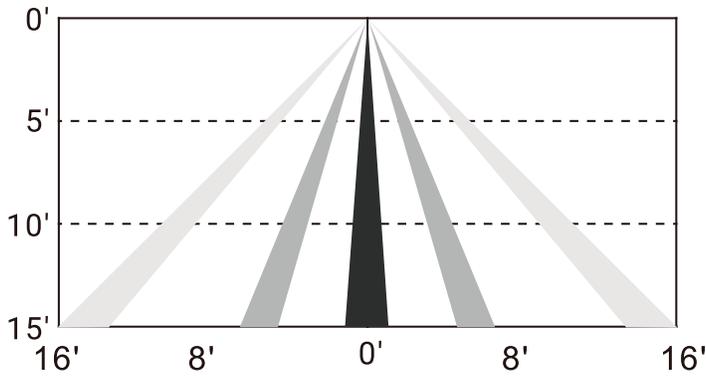


**WIRING SPECIFICATIONS**

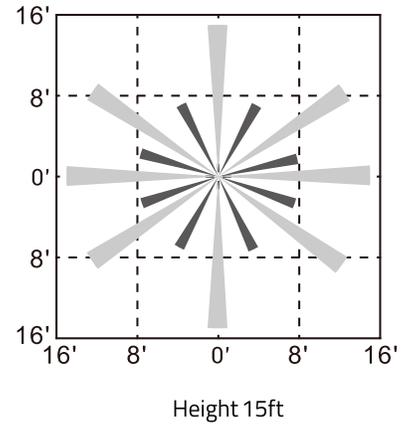


**LENS COVERAGE**

Coverage Side View



Coverage Top View



**SCAN TO DOWNLOAD THE APP**



## MAKE COMMISSIONING OF YOUR LIGHTING EASY

### Commissioning the Sensor

Download the compatible mobile app from the App Store.

Once the controllers are installed and the fixtures are powered on, tap “Add” to start scanning for nearby lights.

When the list of available lights appears, select each fixture you wish to include in the desired region.

Tap “Add” to confirm your selection. The chosen lights will then appear on the main Lights page within the app.

For advanced setup and additional configuration details, refer to the product user manual.

### Factory Reset / Decommissioning

A device can be decommissioned or reset through the app, by performing a specific power cycle sequence, or by using the physical reset button (depending on the model).

#### Reset Using the App

To perform a reset via the app, ensure that your phone or tablet is connected to the lighting network through Bluetooth mesh.

If the connection is unavailable, the light will only be removed from the app’s region list, and a manual factory reset will be required.

Navigate to the Lights page.

Tap “Select” and choose the lights you want to remove.

Tap “Delete” and confirm to decommission the selected devices.

#### Power Cycle Reset Sequence

If a controller is already linked to another region and doesn’t appear in search results, follow this power sequence to perform a factory reset:

Turn power on for 1 second, then off for 10 seconds.

Repeat this step two more times.

Turn power on for 10 seconds, then off for 10 seconds.

Repeat the 10-second cycle once more.

Finally, switch the power on again – the controller should now be fully reset and ready to be added to a new region.

#### Reset Button Method

For models equipped with a reset button: while the fixture is powered, press and hold the reset button for approximately 3 seconds to initiate a factory reset.

