IMS3PIRINT

IMS DALI-2 Enabled Multi Sensor

Project

Catalog

Type

Date

Product Description

The IMS3PIRINT fixture-integrated multi-sensor is a DALI-2 device that combines both a motion sensor and a light sensor. It detects motion and measures illuminance levels, seamlessly working with DALI LED drivers or luminaires. This sensor is directly integrated into the fixture using a 1/2" knockout, enhancing occupant comfort and achieving significant energy savings that comply with stringent building energy codes. Ideal for low bay applications requiring sensor-based automation, the DALI-2 multi-sensor ensures efficient and automated lighting control.

Construction
- ABS material
- White finish

Electrical
- Voltage Input: Powered via DALI bus (DALI-voiltage according to IEC 62386(2014))
- Input Current: 6 mA max
- Status indicator: Red (motion detection) , Green (DALI)

Environmental
- Operating Temp 32 to 104°F (0 °C to 40 °C)
- Operating Humidity 0-95% (non-condensing)

Sensing
- Event: 0-1000 Lux (10bit), resolution: 10lux
- Recommended mounting height: 8ft (2.5m)
- Detection Range Φ 16ft (~5m)
- Detection Angle 130°
- Device shall incorporate non-volatile memory. Settings and parameters saved in protected memory shall not be lost should power be interrupted and subsequently restored. Programming is stored in each sensor in addition to the Area Controller.
- Sensor reports the following data to the area controller: Occupancy status and ambient light level
- LED indicators: LED indicators always provide a visual means to verify that motion is being detected during both testing and normal operation.
- Sensors have remotely adjustable settings for dimming levels, occupied/unoccupied light levels, occupancy/vacancy sensing.
- Sensors may remotely adjust the light output to reduced levels and remain at that reduced level for an adjustable period before turning off when the space is unoccupied.

Installation
- 1/2" trade size knockout

Listings
- DALI Alliance Certified
- RoHS Compliant

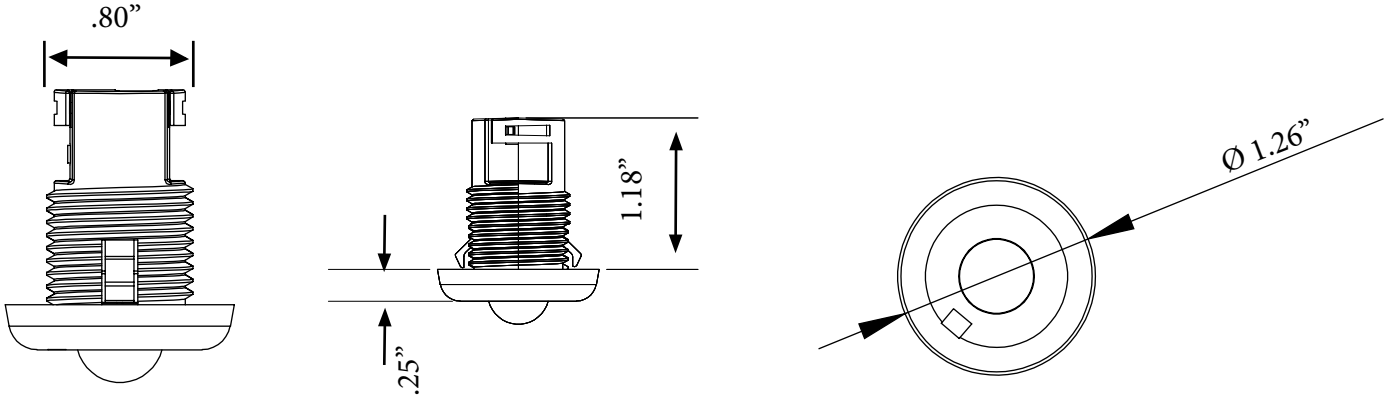
Warranty
- 5-year limited system warranty
- Warranty does not cover product failure due to an overvoltage event (power surge)





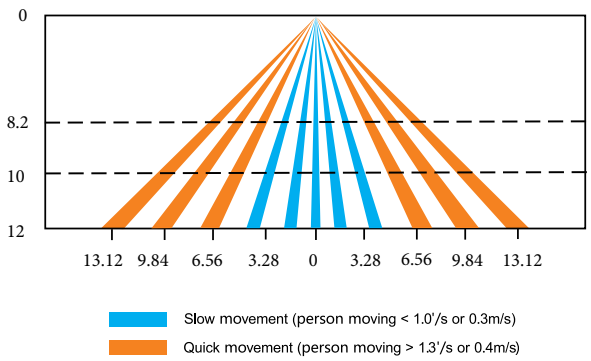
5 YEAR WARRANTY

Dimensions

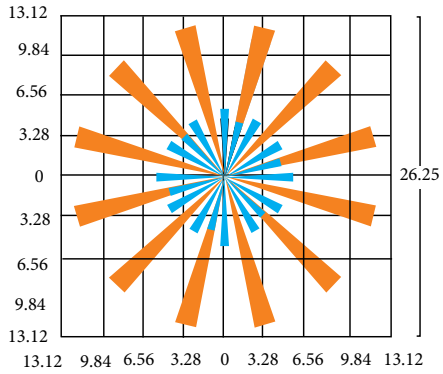


Coverage

Coverage Side View (ft)



Coverage Top View (ft)



Detection Pattern

