

DALI2 Multi Sensor LS/MD



Highlights

The DALI2 Multi Sensor LS/MD for ceiling mounting is a DALI-2 certified device that combines a motion sensor and a light sensor. The device performs motion detection and measures illuminance. The DALI2 Multi Sensor LS/MD can be operated with D4i LED drivers or luminaires; the luminaires simply need to be connected to the mains supply. The result is increased comfort for occupants and significant energy savings that meet the most demanding energy regulations for buildings. The sensor is suitable for low-bay applications that require a large detection area and sensor-based automation.

The DALI2 Multi Sensor LS/MD can be powered via the DALI bus and does not require an additional power supply, which means simpler and faster wiring and installation.

- PIR motion detection
- Motion sensor instance type 3 (303)
- Illuminance measurement
- Light sensor instance type 4 (304)
- Autonomous sensor-based control
- Recessed ceiling installation
- Cost-effective solution for energy savings
- Compliance with energy regulations
- Compatible with universal DALI-2 compliant central control unit that supports sensor input devices

Delivery Content

Identcode

- | | |
|-----------------------------------|-------------|
| • SYMPHO DALI2 Multi Sensor LS/MD | AM466320055 |
| • Welcome note | |
| • Instructions | |

e:cue Interfaces

Lighting applications are heterogeneous by nature. e:cue interfaces serve to integrate many networks, protocols and third party products into e:cue solutions. They also aid in applying special control functions for fixtures, they integrate analog or mechanical signaling into the digital world and offer bridging functions. e:cue interfaces are the links to bring together the many techniques and technologies of lighting control.

Product Specifications

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|------------------------|--|
| Dimensions (W x H x D) | 83 x 83 (67 x 67) x 21 mm / 3.27 x 3.27 (2.64 x 2.64) x 0.83 in |
| Cutting Hole | 70 ... 73 mm / 2.76 .. 2.87 in |
| Material / Color | ABS / White |
| Wire Gauge | 0.2 ... 1.3 mm ² |
| Stripping Length | 7 ... 9 mm / 0.28 ... 0.35 in |
| Certificates | CE, UKCA, DALI-2, RoHS |

Electrical information

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|----------------------------|------------------------|
| Power Supply | DALI Bus |
| Max. DALI Current Draw | 6 mA |
| Control | DALI |
| Marking Terminals | DA, DA |
| Motion Detection Indicator | Red (motion detection) |
| DALI Indicator | Green (DALI) |

Sensing

| | |
|-----------------------------------|---|
| Motion Detection (62386 - 303) | PIR sensor |
| Light Sensor (62386 - 304) | Event: 0 ... 1000 Lux (10 bit), resolution: 10 Lux |
| Mounting Height | recommended height: 2.5 m / 8.2 ft |
| Detection Angle | 130 ° |
| Function | Configurable |

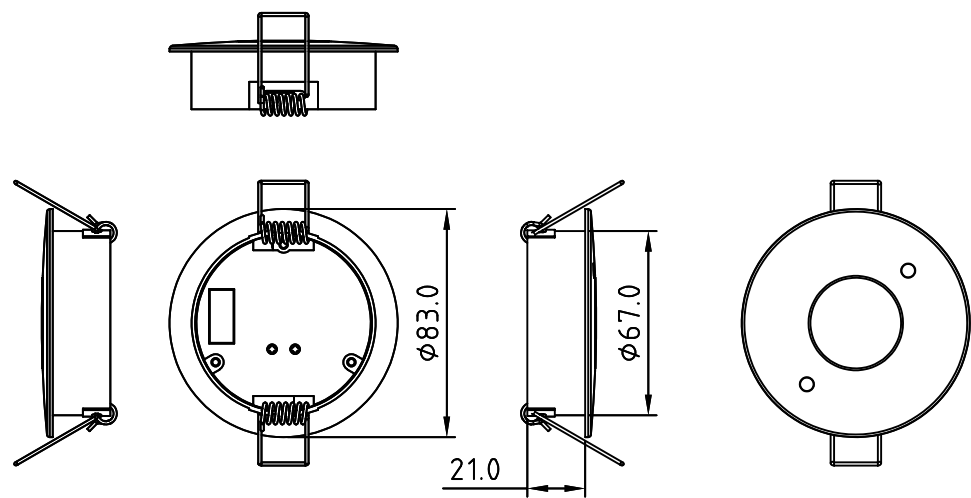
Environment

| | |
|-----------------------------|---|
| Operating Temperature Range | 0 ... 40 °C / 32 ... 104 °F, indoor use only |
| Operating Humidity | 0 ... 95% (non condensing) |
| Storage Temperature Range | -20 ... 70 °C / -4 ... 158 °F |
| Storage Humidity | 15 ... 90% (non condensing) |

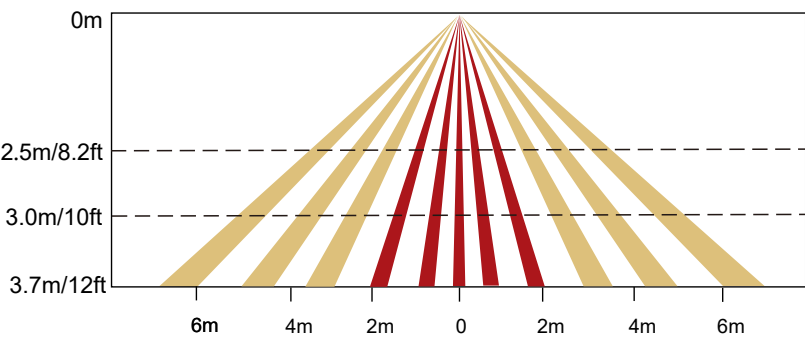


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Dimensions



Detection Coverage



System diagram

