

PRODUCT DATASHEET

DALI-2 SENSOR LS/PD HB LI

DALI-2 SENSOR LS-PD HB LI | Sensors for wired IOT Light management systems with DALI-2 technology



Areas of application

- Industry
- High-bay warehouse
- Suitable for high installation heights
- Production halls
- Entrance halls

Product benefits

- Design freedom due to compact size
- Protection Class IP65 (In installed condition)
- Easy to integrate in luminaire
- DALI-2 certified
- DALI Bus powered (No mains connection necessary)
- Multiple sensors connectable to the same DALI line
- Shutter included to optimize sensor detection
- Integretable in light- and building management systems supporting DALI-2 sensors

Product features

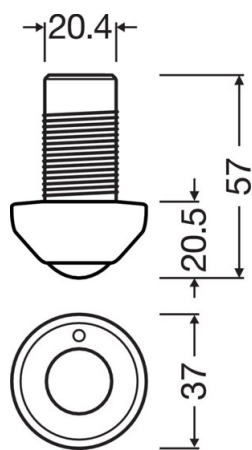
- Light and motion sensor for luminaire installation
- Motion detection via passive IR element
- Light sensor operating range: 5...2000 lx (measured at sensor)
- Detection height up to 17 m
- Function indicator LED
- Intended for installation into a standard ½" knockout

TECHNICAL DATA

Electrical data

| | |
|-----------------|--------|
| Nominal wattage | 0.10 W |
| Nominal voltage | 16 V |
| Mains frequency | 0 Hz |

Dimensions & Weight



| | |
|-------------------------------|----------|
| Length | 37.00 mm |
| Mounting hole spacing, length | 36.50 mm |
| Width | 37.00 mm |
| Height | 57.00 mm |
| Diameter | 37.00 mm |
| Product weight | 21.00 g |

Colors & materials

| | |
|---------------|------------|
| Product color | Light grey |
|---------------|------------|

Temperatures & operating conditions

| | |
|---------------------------|--------------|
| Ambient temperature range | -20...+45 °C |
|---------------------------|--------------|

Capabilities

| | |
|-----------------------------|--------|
| Dimmable | No |
| Dimming interface | DALI-2 |
| Maximum installation height | 17 m |
| Detection area | 18 m² |
| Detection angle | 360 ° |

| | |
|-------------------------------|-----------------------|
| Type of installation | Luminaire integration |
| Operating range, light sensor | 5...2000 lx |

Certificates & Standards




| | |
|---------------------------|--------------------|
| Approval marks – approval | CE / UKCA |
| Protection class | II |
| Type of protection | IP65 ¹⁾ |

¹⁾ When mounted

EQUIPMENT / ACCESSORIES

– Optional: Attachment housing - Batten mount adapter (IP65)

DOWNLOAD DATA

| Documents and certificates | | Document name |
|--|--|------------------------|
|  | User instruction / safety instructions | DALI 2 SENSOR LS PD LI |
|  | Declarations of conformity | DALI-2 SENSOR LS/PD |
|  | Declarations of conformity UKCA | DALI-2 SENSOR LS/PD |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4052899630482 | Unpacked 1 | 128 mm x 37 mm x 27 mm | 130.00 g | 0.13 dm ³ |
| 4052899630536 | Shipping box 50 | 330 mm x 287 mm x 195 mm | 1670.00 g | 18.47 dm ³ |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.