

## DALI SENSOR LS/PD LI G2

### DALI SENSOR LS/PD LI G2 | Sensors



#### Product family features

- Light and presence sensor for luminaire installation
- Presence detection via passive IR element
- Light sensor operating range: 20...800 lx (measured at sensor)
- Mounting height: 2...5 m
- Function indicator with two-color LED

#### Product family benefits

- Small housing design
- Frames for different mounting types for luminaires
- DALI-2 certified
- DALI Bus powered (No mains connection necessary)
- Multiple sensors connectable to the same DALI line
- Presence detection angle adjustable between 40...90° via integrated shutters
- Integreable in light- and building management systems supporting DALI-2 sensors

#### Areas of application

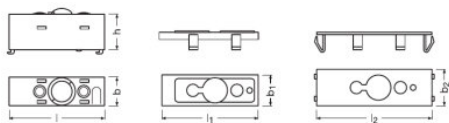
- Suitable for indoor applications
- Installation in office luminaires
- Suitable for floor standing luminaires in combination with an application controller
- Ceiling installation via LS/PD CI KIT or LS/PD AP KIT possible

Technical data

Electrical data

|                                 |        |
|---------------------------------|--------|
| Required DALI current (typical) | 6 mA   |
| Peak DALI current               | 16 mA  |
| Maximum start-up time (DALI)    | 600 ms |

Dimensions & weight



|                |         |
|----------------|---------|
| Length         | 48.0 mm |
| Width          | 15.0 mm |
| Product weight | 10.00 g |

Temperatures & operating conditions

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -20...+50 °C |
|---------------------------|--------------|

Capabilities

|                               |                                           |
|-------------------------------|-------------------------------------------|
| Dimmable                      | No                                        |
| Dimming interface             | DALI-2                                    |
| Maximum installation height   | 5 m                                       |
| Detection area                | 6 m <sup>2</sup>                          |
| Detection angle               | 80 °                                      |
| Operating range, light sensor | 20...800 lx                               |
| Type of installation          | Ceiling integration/Luminaire integration |

Certificates & standards

|                    |      |
|--------------------|------|
| Type of protection | IP20 |
|--------------------|------|

Logistical data

|                |             |
|----------------|-------------|
| Commodity code | 90318080000 |
|----------------|-------------|

Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                                                                                                    |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date of Declaration                                                   | 04-10-2023                                                                                         |
| Primary Article Identifier                                            | 4062172072069                                                                                      |
| Candidate List Substance 1                                            | Lead                                                                                               |
| CAS No. of substance 1                                                | 7439-92-1                                                                                          |
| Safe Use Instruction                                                  | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| Declaration No. in SCIP database                                      | 12373f17-c01b-4cdf-a936-68aa494373f0                                                               |

Equipment / Accessories

- Attachable mounting frame for luminaire mounting from inside and outside

Download Data

| File                                                                                |                                                                           |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
|  | User instruction<br>DALI2 SENSOR LSPD LI                                  |
|  | Declarations of conformity<br>DALI G2 Sensor Coupler CE 4202657 03 060823 |
|  | CAD data<br>DALI SENSOR LS PD LI G2 IGS 110820                            |
|  | CAD data<br>DALI SENSOR LS PD LI G2 STEP 110820                           |
|  | CAD Data 2-dim<br>DALI SENSOR LS PD LI G2 2PDF 110820                     |
|  | CAD data 3-dim<br>DALI SENSOR LS PD LI G2 3PDF 110820                     |

Logistical Data

| Product code  | Product description     | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume               | Gross weight |
|---------------|-------------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4062172072069 | DALI SENSOR LS/PD LI G2 | Shipping carton box<br>25    | 223 mm x 197 mm x 179 mm             | 7.86 dm <sup>3</sup> | 1193.00 g    |

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.

# Product datasheet

## Accessories Optional

| Product description     | Accessory name | Accessory code  |
|-------------------------|----------------|-----------------|
| DALI SENSOR LS/PD LI G2 | LS/PD AP KIT   | ▶ 4052899173385 |

## Disclaimer

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