

PRODUCT DATASHEET DALI LS/PD CI

DALI LS/PD CI | Sensors for light management systems



Areas of application

- Classrooms
- Conference rooms
- Corridors
- Individual offices
- Open-plan offices
- Restaurants
- Shop lighting
- Suitable for indoor applications

Product benefits

- Can be addressed via DALI
- Daylight-dependent control with automatic shutdown in adequate daylight
- Multiple sensors can be networked
- Simple installation
- Sensor integration in DALI
- Power supply from DALI
- Presence detection angle adjustable between 40...90° via integrated shutters
- DALI based light management system integrable into building management systems

Product features

- Mounting height: 2...5 m
- Presence detection via passive IR element
- Light sensor operating range: 20...800 lx (measured at sensor)
- Daylight-dependent regulation and presence-dependent control of light
- Direct connection to DALI
- Function indicator with two-color LED

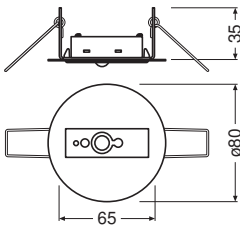
- Ceiling installation adapter

TECHNICAL DATA

Electrical data

| | |
|-----------------|------|
| Nominal voltage | 16 V |
| Mains frequency | 0 Hz |

Dimensions & Weight



| | |
|----------------|----------|
| Length | 80.00 mm |
| Width | 80.00 mm |
| Height | 55.00 mm |
| Diameter | 80,0 mm |
| Product weight | 95.00 g |

Colors & materials

| | |
|---------------|-------|
| Product color | White |
|---------------|-------|

Temperatures & operating conditions

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

Capabilities

| | |
|-------------------------------|---------------------|
| Dimmable | No |
| Maximum installation height | 5 m |
| Detection area | 6 m ¹⁾ |
| Detection angle | 40...90 ° |
| Type of installation | Ceiling integration |
| Operating range, light sensor | 20...800 lx |

1) Maximum diameter

Certificates & Standards





| | |
|---------------------------|----|
| Approval marks – approval | CE |
| Protection class | II |

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

EQUIPMENT / ACCESSORIES

– Suitable for many OSRAM DALI control systems

DOWNLOAD DATA

| Documents and certificates | | Document name |
|---|--|---|
|  | User instruction / safety instructions | 538500_Mounting instructions DALI LS/PD CI |
|  | User instruction / safety instructions | DALI LS/PD CI |
|  | Declarations of conformity | EU Declaration of Conformity 2019_9C1_2874588_EN_09 |
| CAD/BIM files | | Document name |
|  | CAD STEP 3D | DALI LS PD CI STEP 220620 |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4052899930292 | BAG 1 | 152 mm x 111 mm x 73 mm | 95.00 g | 1.23 dm ³ |
| 4052899930308 | Shipping box 10 | 217 mm x 217 mm x 180 mm | 1175.00 g | 8.48 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.