OSRAM

DALI-2 SENSOR LS/PD HB LI

DALI-2 SENSOR LS/PD HB LI | Sensors

Product family 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

Product family 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
- Integreatable in light- and building management systems supporting DALI-2 sensors

Areas of application

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

Technical data

Electrical data

Screw thread length	25 mm
Required DALI current (typical)	6 mA
Peak DALI current	6 mA
Maximum start-up time (DALI)	600 ms

Dimensions & weight

Diameter	37.0 mm [1]
Mounting depth	36.5 mm [2]
Screw thread length	25 mm
Mounting hole diameter	22.2...23.2 mm
Product weight	21.00 g
Height	57.0 mm

[1] d1

[2] h1-h2

Temperatures & operating conditions

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

Capabilities

Operating range, light sensor	5...2000 lx
Detection angle	20 °
Dimming interface	DALI-2
Detection area	18 m² [1]
Maximum installation height	17 m
Dimmable	No
Type of installation	Luminaire integration

Product datasheet

Control interface	DALI-2

[1] Maximum diameter

Certificates & standards

Type of protection	IP65 [1]

[1] When mounted

Logistical data

Commodity code	90318080000

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	02-06-2023
Primary Article Identifier	4052899630482
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	9d3e55b7-1e08-4279-8469-a814260adee3

Equipment / Accessories

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

Download Data

	File
	User instruction DALI-2 Sensors DALI-2 Occupancy Daylight Sensor

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Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899630482	DALI-2 SENSOR LS/PD HB LI	Shipping carton box 50	330 mm x 287 mm x 195 mm	18.47 dm³	1670.00 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

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