PRODUCT DATASHEET
HIGHBAY SENSOR DALI-2 LIGHT/PRESENCE -21 INFRARED CEILING MOUNTING

HIGHBAY SENSOR DALI-2 LIGHT-PRESENCE -21 INFRARED CEILING MOUNTING | DALI-2 input device, infrared presence detector for industry applications



Areas of application

- Industry
- Building with high ceilings
- High-bay warehouse
- Production halls

Product benefits

- Integrated DALI bus power supply (no mains connection required)
- Powered via DALI bus (no mains connection required)
- Several sensors can be connected to a DALI line
- Includes shutter accessory to optimize the sensor detection area
- Compatible with LEDVANCE VIVARES DALI light management system

Product features

- DALI-2 certified light and presence sensor for ceiling surface mounting
- Presence detection via passive IR element
- Detection range optimized for ceiling heights of up-to 14 m
- Function indicator LED
- Type of protection: IP54

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TECHNICAL DATA

Electrical data

Nominal wattage	0.10 W
Nominal voltage	10…22,5 V
Type of current	DC
Nominal current	8 mA
Mains frequency	0 Hz

Dimensions & Weight



Length	105.00 mm
Width	105.00 mm
Height	66.50 mm
Diameter	105.00 mm
Cable cross-section, input side	1,0…2,5 mm^2
Wire preparation length, input side	6…8 mm
Product weight	130.00 g

Colors & materials

Product color	White
Body material	Polycarbonate (PC)

Temperatures & operating conditions

Ambient temperature range	-20…+45 °C
Maximum temperature at tc test point	75 °C

Lifespan

Number of switching cycles	50000

Capabilities

Dimmable	Yes
Dimming interface	DALI-2
Maximum installation height	14 m
Detection angle	360 °
Type of installation	Surface mounting

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Certificates & Standards

Standards	CE / UKCA
Protection class	II
Type of protection	IP54

LOGISTICAL DATA

Temperature range at storage	-20…+70 °C

Accessories Optional

Product image	Product name	EAN
	DALI sensors -8 IR CI, -40X5 IR CI, -24 IR CM, -21 IR CM	4058075843905

EQUIPMENT / ACCESSORIES

- Optional accessory SENSOR CM KIT available for suspended ceiling integration

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Disconnect mains before installation.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	SENSOR DALI 2 LS PD HB 21 IR CM
PDF	Addon technical information	VIVARES DALI LMS components
PDF	Addon technical information	VIVARERS DALI LMS komponenten
PDF	Legal information	Safety Insert G11201420
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Legal information	Legal insert G11254740 SENSOR DALI-2
PDF	Declarations of conformity	CE declaration SENSOR DALI-2
PDF	Declarations of conformity UKCA	UKCA declaration SENSOR DALI-2

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	Tender texts	Document name
	Tender documents	HIGHBAY SENSOR DALI2 LIGHT PRESENCE 21 INFRARED CEILING MOUNTING-en

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075857537	Folding box 1	125 mm x 125 mm x 99 mm	156.00 g	1.55 dm^3
4058075857544	Shipping box 24	532 mm x 397 mm x 229 mm	4574.00 g	48.37 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.

References / Links

– For current information see www.ledvance.com/light-management-systems

DISCLAIMER

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