PRODUCT DATASHEET
SENSOR DIRECT LS-PD-7 IR CI ZB

SENSOR DIRECT | Optimize office comfort and save energy with an intelligent light and presence sensor



Areas of application

- Open office spaces
- Meeting and conference rooms
- Storage and break areas
- Classrooms
- Corridors
- Stairways

Product benefits

- Quick and easy installation using spring clips
- Low maintenance through mains power operation
- Additional energy saving up to 50 % compare to LED On/Off installation
- Zigbee 3.0 certified device for integration to any 3rd party Zigbee Control System
- The right light at the right time at the right moment, fully autonomous
- Compatible with LEDVANCE VIVARES ZIGBEE and DIRECT EASY light management system

Product features

- Zigbee 3.0 certified light and presence sensor for ceiling integration
- Presence detection via passive IR element
- AC mains powered 100 V - 277 V
- Detection height up to 4 m
- Large detection area up to 7 m
- Direct commissioning via bluetooth possible

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TECHNICAL DATA

Electrical data

Nominal wattage	0.36 W
Nominal voltage	100…277 V
Type of current	AC
Mains frequency	50…60 Hz
Power factor λ	0.2

Dimensions & Weight



Length	88.00 mm
Width	88.00 mm
Height	55.00 mm
Cable cross-section, input side	0.5…1.5 mm^2
Wire preparation length, input side	6…7 mm
Product weight	210.00 g

Colors & materials

Product color	White
Body material	Polycarbonate (PC)

Temperatures & operating conditions

Ambient temperature range	-20…+50 °C
Temperature range in operation	-20…+50 °C

Additional product data

Commissioning App	DIRECT EASY / VIVARES
Added function	VIVARES

Capabilities

Dimmable	No
Dimming interface	Zigbee Direct
Maximum installation height	4 m
Detection angle	360 °
Type of installation	Ceiling integration

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Certificates & Standards

Standards	CE / UKCA / EAC
Protection class	II
Type of protection	IP20

LOGISTICAL DATA

Temperature range at storage	-40…+85 °C

Accessories Optional

Product image	Product name	EAN
	SENSOR DIRECT CEILING MOUNTING KIT	4099854485770

EQUIPMENT / ACCESSORIES

- Surface mounting via SENSOR CM KIT

Safety advice

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

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	SENSOR DIRECT LS-PD-7 IR CI ZB
PDF	Extended installation guide	App Download Guide
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Legal information	Safety Insert MCU SELECT DIRECT AND SENSOR DIRECT
PDF	Declarations of conformity	SENSOR DIRECT LS-PD-7 IR CI ZB
PDF	Declarations of conformity UKCA	SENSOR DIRECT LS-PD-7 IR CI ZB

	Tender texts	Document name
TXT	Tender documents	SENSOR DIRECT LS-PD-7 IR CI ZB-en

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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854476358	Folding box 1	100 mm x 60 mm x 100 mm	227.00 g	0.60 dm^3
4099854476365	Shipping box 10	320 mm x 220 mm x 125 mm	2587.00 g	8.80 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

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

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