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

SENSOR DIRECT | Zigbee 3.0 input device, light and infrared presence detector with 7 m movement detection

Areas of application

– Open office spaces
– Meeting, storage and break rooms
– Classrooms
– Stairways

Product benefits

– Light sensor up-to 2000 lx
– Quick and easy installation using spring clips
– Low maintenance through mains power operation
– Can be integrated into lighting and building management systems that support Zigbee 3.0
– Compatible with LEDVANCE VIVARES ZIGBEE and DIRECT EASY light management system
– Quick factory reset via button

Product features

– Zigbee 3.0 certified 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

TECHNICAL DATA

Electrical data

Nominal wattage	0.36 W
Nominal voltage	100…277 V
Type of current	DC
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 mm²
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

Product remark	Available from September 2025
Commissioning App	App (Android/ iOS)

Capabilities

Dimmable	No
Dimming interface	Zigbee 3.0 / IoT
Maximum installation height	4 m
Detection angle	360 °
Type of installation	Ceiling integration

Certificates & Standards

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	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Legal information	Safety Insert MCU SELECT DIRECT AND SENSOR DIRECT
PDF	Legal information	App Download guide
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

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.