

Product family datasheet

SubstiTUBE Motion Sensor

High performance LED tubes with integrated microwave sensor for electromagnetic control gears, shatterproof



- General illumination within ambient temperatures from -20...+50 °C Corridors, stairways, parking garages Warehouses Walkways and corridors Storage rooms Logistics areas, transport facilities and corridors Car parks

- Energy savings of up to 90 % compared to conventional fluorescent lamp Quick, simple and safe replacement of fluorescent lamps without rewiring the CCG No bending thanks to glass technology Shatter protection thanks to special PET coating Support the implementation of the HACCP concepts from production through to presentation Very high resistance to switching loads LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains Suitable for closed luminaires thanks to microwave technology Also suitable for operation at low temperatures



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– Product features Integrated microwave sensor with motion detection Automatic dimming to 20 % light output after 5 minutes without motion detection Automatic light switch off 7 minutes after the last motion detection Microwave sensor with 5,8 GHz Motion detection up to 5 m Recommended maximum mounting height: 5 m Lamp tube made of glass with splinter protection e.g. for food industry applications Mercury-free and RoHS compliant VDE certified according to IEC62776 Replacement for fluorescent lamps with G13 base Product benefits Energy savings of up to 90 % compared to conventional fluorescent lamp Quick, simple and safe replacement of fluorescent lamps without rewiring the CCG No bending thanks to glass technology Shatter protection thanks to special PET coating Support the implementation of the HACCP concepts from production through to presentation Very high resistance to switching loads LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains Suitable for closed luminaires thanks to microwave technology Also suitable for operation at low temperatures Areas of application General illumination within ambient temperatures from -20...+50 °C Corridors, stairways, parking garages Warehouses Walkways and corridors Storage rooms Logistics areas, transport facilities and corridors Car parks Legal advice When used to replace a T8 fluorescent lamp the total energy efficiency and light distribution depends on the design of the lighting system. Safety advice Not suitable for operation with electronic control gear. Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction. References / Links For current information see www.ledvance.com/substitute

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Technical data

	Electrical data		Additional product data
Product description	Max. lamp no. on circuit break. 10 A (B)	Max. lamp no. on circuit break. 16 A (B)	Appropriate disposal acc. to WEEE
ST8MS-EM 7.3 W/840 600 mm	130	208	Yes
ST8MS-EM 14 W/840 1200 mm	70	110	Yes
ST8MS-EM 20.6 W/840 1500 mm	47	76	Yes

Application advice

— For more detailed application information and graphics please see product datasheet.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075292413	ST8MS-EM 7.3 W/840 600 mm	Shipping carton box 8	753 mm x 182 mm x 125 mm	17.13 dm ³	1700.00 g
4058075292437	ST8MS-EM 14 W/840 1200 mm	Shipping carton box 8	1367 mm x 182 mm x 125 mm	31.10 dm ³	2970.00 g
4058075292451	ST8MS-EM 20.6 W/840 1500 mm	Shipping carton box 8	1660 mm x 182 mm x 125 mm	37.77 dm ³	3610.00 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.

Disclaimer

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

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