

Product family datasheet

SubstiTUBE Value

Economic LED tubes for electromagnetic control gears



- General illumination within ambient temperatures from -20...+45 °C
- Corridors, stairways, parking garages
- Cooling and storage rooms
- Domestic applications
- Industry
- Warehouses
- Supermarkets and department stores

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 65 % (compared to T8 fluorescent lamp on CCG)
- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Instant-on light, therefore ideally suitable in combination with sensor technology
- Very high resistance to switching loads
- Also suitable for operation at low temperatures

Product features

- Uniform illumination
- Mercury-free and RoHS compliant
- Luminous efficacy: up to 105 lm/W
- Tube made of glass



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Product benefits

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 65 % (compared to T8 fluorescent lamp on CCG)
- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Instant-on light, therefore ideally suitable in combination with sensor technology
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Areas of application

- General illumination within ambient temperatures from -20...+45 °C
- Corridors, stairways, parking garages
- Cooling and storage rooms
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- Industry
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Equipment / Accessories

- Suitable for operation with low-loss and conventional control gears

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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
ST8V-EM 7.6 W/830 600 mm	208	333	Yes
ST8V-EM 7.6 W/840 600 mm	210	340	Yes
ST8V-EM 7.6 W/865 600 mm	208	333	Yes
ST8V-EM 16.2 W/840 1200 mm	98	157	Yes
ST8V-EM 19.1 W/830 1500 mm	85	136	Yes

Equipment / Accessories

- Suitable for operation with low-loss and conventional control gears

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
4058075024618	ST8V-EM 7.6 W/830 600 mm	Shipping carton box 10	742 mm x 210 mm x 115 mm	17.92 dm ³	1652.00 g

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Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075024632	ST8V-EM 7.6 W/840 600 mm	Shipping carton box 10	668 mm x 154 mm x 65 mm	6.69 dm ³	823.00 g
4058075024656	ST8V-EM 7.6 W/865 600 mm	Shipping carton box 10	668 mm x 154 mm x 65 mm	6.69 dm ³	1323.00 g
4058075024694	ST8V-EM 16.2 W/840 1200 mm	Shipping carton box 10	1352 mm x 210 mm x 115 mm	32.65 dm ³	2859.00 g
4058075024731	ST8V-EM 19.1 W/830 1500 mm	Shipping carton box 10	1652 mm x 210 mm x 115 mm	39.90 dm ³	3530.00 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.

References / Links

For current information see

▶ www.osram.com/substitute

Disclaimer

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

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