

## PRODUCT DATASHEET

### ST8E-EM 16 W/6500 K 1200 mm

SubstiTUBE Eco | LED tubes for electromagnetic control gears



#### Areas of application

- General illumination within ambient temperatures from -20...+45 °C
- Corridors, stairways, parking garages
- Train stations
- Underground stations
- Supermarkets and department stores
- Industry
- Warehouses
- Hospitality

#### Product benefits

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Very high resistance to switching loads
- Also suitable for operation at low temperatures

#### Product features

- T8 LED tube made of glass with G13 base
- High color consistency: < 6 SDCM
- Lifetime up to 15,000 h
- Mercury-free lamps
- Color rendering index  $R_a$ :  $\geq 80$



TECHNICAL DATA

Electrical data

Nominal wattage	16 W
Construction wattage	16.00 W
Nominal voltage	100...240 V
Nominal current	230 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor $\lambda$	> 0.50

Photometrical data

Luminous flux	1600 lm
Luminous efficacy	100 lm/W
Light color (designation)	Daylight
Color temperature	6500 K
Color rendering index Ra	≥80
Light color	865

Dimensions & Weight

Overall length	1213.60 mm
Diameter	28.00 mm
Product weight	200.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+45 °C
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Lifespan

Number of switching cycles	50000
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Additional product data

Base (standard designation)	G13
Mercury content	0.0 mg

Capabilities

Dimmable	No
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## Certificates &amp; Standards

Type of protection	IP20
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## Country-specific categorizations

Order reference	ST8E-1.2M 16W/8
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## Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G13
Length	1213.60 mm
Height	28.00 mm
Width	28.00 mm

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075396548	Sleeve 1	1,270 mm x 28 mm x 28 mm	219.00 g	1.00 dm <sup>3</sup>
4058075396555	Shipping box 25	1,322 mm x 158 mm x 176 mm	6843.00 g	36.76 dm <sup>3</sup>

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.