

PRODUCT DATASHEET

ST8V-EM 8 W/6500 K 600 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 : ≥ 80



TECHNICAL DATA

Electrical data

Nominal wattage	8 W
Construction wattage	8.00 W
Nominal voltage	230 V
Nominal current	66 mA
Type of current	AC
Power factor λ	> 0.50

Photometrical data

Luminous flux	800 lm
Luminous efficacy	100 lm/W
Light color (designation)	Daylight
Color temperature	6500 K
Color rendering index Ra	> 80
Light color	865

Light technical data

Beam angle	160 °
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Dimensions & Weight

Overall length	604.00 mm
Diameter	28.00 mm
Tube diameter	27,5 mm
Base diameter	25,7 mm
Product weight	100.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+50 °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
Mercury-free	Yes

Capabilities

Dimmable	No
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Certificates & Standards

Type of protection	IP20
Standards	CE

Country-specific categorizations

Order reference	ST8V-0.6M 8W/86
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LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G13
Length	604.00 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
4058075033979	Sleeve 1	685 mm x 28 mm x 28 mm	135.00 g	0.54 dm ³
4058075033986	Shipping box 25	710 mm x 155 mm x 160 mm	3480.00 g	17.61 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.

DISCLAIMER

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