

## PRODUCT DATASHEET

### ST8V-EM 20 W/4000 K 1500 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  $R_a$ :  $\geq 80$



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**TECHNICAL DATA****Electrical data**

Nominal wattage	20 W
Construction wattage	20.00 W
Nominal voltage	230 V
Nominal current	160 mA
Type of current	AC
Power factor $\lambda$	> 0.50

**Photometrical data**

Luminous flux	2000 lm
Luminous efficacy	100 lm/W
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840

**Light technical data**

Beam angle	160 °
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**Dimensions & Weight**

Overall length	1514.20 mm
Diameter	28.00 mm
Tube diameter	27,5 mm
Base diameter	25,7 mm
Product weight	230.00 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-1.5M 20W/8
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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	1514.20 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
4058075034136	Sleeve 1	1,607 mm x 30 mm x 30 mm	302.00 g	1.45 dm <sup>3</sup>
4058075034143	Shipping box 25	1,610 mm x 155 mm x 160 mm	7189.00 g	39.93 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.