

# Product datasheet

## ST8V-EM 20 W/840 1500 mm

SubstiTUBE Value | Economic LED tubes for electromagnetic control gears



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

- No bending thanks to glass technology Energy savings of up to 65 % (compared to T8 fluorescent lamp on CCG) Quick, simple and safe replacement without rewiring 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 datasheet

### Technical data

#### Electrical data

Rated wattage	20.00 W
Operating frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	73
Max. lamp no. on circuit break. 16 A (B)	117
Nominal wattage	20.00 W
Nominal voltage	220...240 V
Nominal current	0.095 A
Claimed equiv. conventional lamp power	58 W

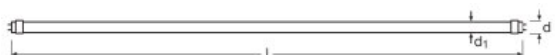
#### Photometrical data

Standard deviation of color matching	$\leq 6$ sdc <sub>m</sub>
Rated luminous flux	2200 lm
Nominal luminous flux	2200 lm
Rated color temperature	4000 K
Color rendering index Ra	$\geq 80$
Color temperature	4000 K
Light color (designation)	Cool White
Luminous flux	2200 lm
Lumen main.fact.at end of nom.life time	0.70

#### Light technical data

Beam angle	190 °
Starting time	< 0.5 s

#### Dimensions & weight



Product weight	230.00 g
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Length	1513 mm
Outer bulb	T8
Overall length	1513 mm
Diameter	26.7 mm

### Temperatures & operating conditions

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

Nominal lamp life time	30000 h
Rated lamp life time	30000 h
Lumen maintenance at end of service life	0.70
Number of switching cycles	200000

### Additional product data

Appropriate disposal acc. to WEEE	Yes
Mercury content	0.0 mg
Mercury-free	Yes
Base (standard designation)	G13

### Capabilities

Dimmable	No
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### Certificates & standards

Energy efficiency class	A+
Energy consumption	20 kWh/1000h
Type of protection	IP20

### Country specific categorizations

Order reference	ST8V-1.5M 20W/8
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## Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075454583	ST8V-EM 20 W/840 1500 mm	Shipping carton box 10 Pieces Sleeves	1590 mm x 210 mm x 105 mm	35.06 dm <sup>3</sup>	3348.00 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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