

# PRODUCT DATASHEET

## ST8V-EM 8 W/4000K 600 mm

SubstiTUBE Value | Economic LED tubes for electromagnetic control gears (CCG)



### AREAS OF APPLICATION

- 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

### PRODUCT BENEFITS

- 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 FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Uniform illumination
- Mercury-free and RoHS compliant
- Single and tandem operation on conventional control gear (0.6 m version)
- Tube made of glass



## TECHNICAL DATA

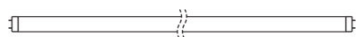
### Electrical data

Rated wattage	8.00 W
Nominal voltage	230 V
Nominal wattage	8.00 W
Nominal current	0.066 A
Type of current	AC
Power factor $\lambda$	> 0.50

### Photometrical data

Rated color temperature	4000 K
Nominal luminous flux	800 lm
Rated luminous flux	800 lm
Light color (designation)	Cool White
Color temperature	4000 K
Luminous flux	800 lm
Luminous efficacy	100 lm/W
Color rendering index Ra	>80

### Dimensions & weight



Tube diameter	27.5 mm
Base diameter	25.7 mm
Product weight	100.00 g
Overall length	604.0 mm

### Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
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### Lifespan

<b>Nominal lamp life time</b>	15000 h
<b>Rated lamp life time</b>	15000 h
<b>Number of switching cycles</b>	50000

#### Additional product data

<b>Base (standard designation)</b>	G13
<b>Mercury-free</b>	Yes

#### Capabilities

<b>Dimmable</b>	No
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#### Certificates & standards

<b>Type of protection</b>	IP20
<b>Standards</b>	CE

#### Country-specific categorizations

<b>Order reference</b>	ST8V-0.6M 8W/84
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#### Logistical data

<b>Temperature range at storage</b>	-20...+80 °C
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## EQUIPMENT / ACCESSORIES

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

## SAFETY ADVICE

Not suitable for operation with electronic control gear.

The Tc Point is located underneath the product label on the front side of the lamp.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

## REFERENCES / LINKS

For current information see

- ▶ [www.ledvance.com/substitute](http://www.ledvance.com/substitute)

## LEGAL ADVICE

When used to replace a T8 fluorescent lamp the total energy efficiency and light distribution depends on the design of the lighting system.

## DISCLAIMER

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