

PRODUCT DATASHEET

ST8V-EM 8 W/840 K 600 mm

SubstiTUBE Value | Economic LED tubes for electromagnetic control gears



AREAS OF APPLICATION

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

PRODUCT BENEFITS

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 65 % (compared to T8 fluorescent lamp on CCG)
- 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 alternative to classic T8 fluorescent lamps in CCG luminaires
- Uniform illumination
- Mercury-free and RoHS compliant
- Luminous efficacy: up to 105 lm/W
- Tube made of glass



TECHNICAL DATA

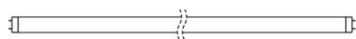
Electrical data

Rated wattage	8.00 W
Nominal voltage	230 V
Nominal wattage	8.00 W
Nominal current	0.062 A
Type of current	AC

Photometrical data

Rated color temperature	4000 K
Nominal luminous flux	900 lm
Rated luminous flux	900 lm
Light color (designation)	Cool White
Color temperature	4000 K
Luminous flux	900 lm
Color rendering index Ra	≥80

Dimensions & weight



Tube diameter	27.5 mm
Base diameter	25.7 mm
Product weight	116.00 g
Overall length	604.0 mm

Temperatures & operating conditions

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

Nominal lamp life time	30000 h
Rated lamp life time	30000 h

Additional product data

Base (standard designation)	G13
Mercury-free	Yes

Certificates & standards

Type of protection	IP20
Standards	CE

Country-specific categorizations

Order reference	ST8V-0.6M 8W/84
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Logistical data

Temperature range at storage	-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.

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075052062	Sleeves 1	685 mm x 28 mm x 28 mm	135.00 g	0.54 dm ³
4058075052079	Shipping carton box 25	710 mm x 155 mm x 160 mm	3880.00 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.

REFERENCES / LINKS

For current information see

- ▶ 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.