

PRODUCT DATASHEET

ST8E-EM 9 W/4000K 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
- Supermarkets and department stores

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 $R_a: \geq 80$



TECHNICAL DATA

Electrical data

| | |
|------------------------|-------------|
| Rated wattage | 9.00 W |
| Nominal voltage | 220...240 V |
| Operating frequency | 50/60 Hz |
| Nominal wattage | 9.00 W |
| Nominal current | 0.07 A |
| Type of current | AC |
| Power factor λ | > 0.50 |

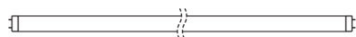
Photometrical data

| | |
|--------------------------------------|---------------------------|
| Rated color temperature | 4000 K |
| Nominal luminous flux | 900 lm |
| Rated luminous flux | 900 lm |
| Light color (designation) | Cold White |
| Color temperature | 4000 K |
| Luminous flux | 900 lm |
| Color rendering index Ra | ≥ 80 |
| Standard deviation of color matching | ≤ 6 sdc _m |

Light technical data

| | |
|------------------------------------|------------|
| Starting time | < 0.5 s |
| Rated beam angle (half peak value) | > 160.00 ° |

Dimensions & weight



| | |
|----------------|----------|
| Product weight | 110.00 g |
| Overall length | 604.0 mm |

Temperatures & operating conditions

| | |
|----------------------------------|--------------|
| Ambient temperature range | -20...+45 °C |
|----------------------------------|--------------|

Lifespan

| | |
|-----------------------------------|---------|
| Nominal lamp life time | 15000 h |
| Rated lamp life time | 15000 h |
| Number of switching cycles | 50000 |

Additional product data

| | |
|------------------------------------|-----|
| Base (standard designation) | G13 |
|------------------------------------|-----|

Capabilities

| | |
|-----------------|----|
| Dimmable | No |
|-----------------|----|

Certificates & standards

| | |
|---------------------------|------|
| Type of protection | IP20 |
|---------------------------|------|

Country-specific categorizations

| | |
|------------------------|-----------------|
| Order reference | ST8E-0.6M 9W/84 |
|------------------------|-----------------|

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075429444 | Sleeves 1 | 655 mm x 28 mm x 28 mm | 129.00 g | 0.51 dm ³ |
| 4058075429451 | Shipping carton box 25 | 710 mm x 155 mm x 160 mm | 3730.00 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.