

PRODUCT DATASHEET

ST8E-EM 18 W/6500K 1200 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	18.00 W
Nominal voltage	220...240 V
Operating frequency	50/60 Hz
Nominal wattage	18.00 W
Nominal current	0.14 A
Type of current	AC
Power factor λ	> 0.50

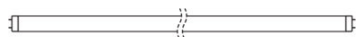
Photometrical data

Rated color temperature	6500 K
Nominal luminous flux	1800 lm
Rated luminous flux	1800 lm
Light color (designation)	Daylight
Color temperature	6500 K
Luminous flux	1800 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	200.00 g
Overall length	1214 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-1.2M 18W/8
------------------------	-----------------

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075429529	Sleeves 1	1255 mm x 28 mm x 28 mm	219.00 g	0.98 dm ³
4058075429536	Shipping carton box 25	1310 mm x 155 mm x 160 mm	6288.00 g	32.49 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.