

# PRODUCT DATASHEET

## ST8E-AC DE 20 W/6500 K 1200 mm

LEDVANCE Eco Double End T8 Tube | LED tubes for operation with alternating current at 220...240 V line voltage



### Areas of application

- Offices, public buildings
- Corridors, stairways, parking garages
- Shops
- Hospitals
- Warehouses
- General illumination within ambient temperatures from -20...+45 °C

### Product benefits

- Good quality of light
- Energy savings of up to 50 % compared to conventional T8 fluorescent lamps
- Photobiological safety according to IEC 62471, risk group RG1

### Product features

- Good color rendering CRI  $\geq 80$  and color stability throughout the life of the lamp
- Mercury-free and RoHS compliant
- Double-end input design



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## TECHNICAL DATA

### Electrical data

Nominal wattage	20 W
Construction wattage	20.00 W
Nominal voltage	220...240 V
Nominal current	160 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor $\lambda$	> 0.50

### Photometrical data

Luminous flux	2000 lm
Luminous efficacy	100 lm/W
Light color (designation)	Cool Daylight
Color temperature	6500 K
Color rendering index Ra	≥80
Light color	865
Standard deviation of color matching	≤6 sdc <sub>m</sub>

### Light technical data

Beam angle	160 °
Starting time	< 0.5 s

### Dimensions & Weight

Overall length	1213.60 mm
Diameter	28.00 mm
Product weight	200.00 g

### Temperatures & operating conditions

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

Number of switching cycles	50000
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### Additional product data

Base (standard designation)	G13
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Mercury content	0.0 mg
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### Capabilities

Dimmable	No
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### Country-specific categorizations

Order reference	LVT8E-1.2M 20W/
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### Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G13
Length	1213.60 mm
Height	28.00 mm
Width	28.00 mm

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075276352	Sleeve 1	1,220 mm x 28 mm x 28 mm	249.00 g	0.96 dm <sup>3</sup>
4058075276369	Shipping box 25	1,270 mm x 155 mm x 160 mm	6397.00 g	31.50 dm <sup>3</sup>

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.