

# PRODUCT DATASHEET

## ST8E-HO 10 W/3000 K 600 mm

SubstiTUBE ECO HO | LED tubes for electromagnetic control gears with high lumen output



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## TECHNICAL DATA

### Electrical data

Nominal wattage	10 W
Construction wattage	10.00 W
Nominal voltage	220...240 V
Nominal current	80 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor $\lambda$	> 0.50

### Photometrical data

Luminous flux	990 lm
Luminous efficacy	99 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	3000 K
Color rendering index Ra	$\geq 80$
Light color	830
Standard deviation of color matching	$\leq 6$ sdcn

### Light technical data

Beam angle	$\gt 160.00^\circ$
Starting time	< 0.5 s

### Dimensions & Weight

Overall length	604.00 mm
Diameter	28.00 mm
Product weight	95.00 g

### Temperatures & operating conditions

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

Number of switching cycles	50000
Lumen maintenance at end of service lifetime	0.70

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## Additional product data

Base (standard designation)	G13
Mercury content	0.0 mg

## Capabilities

Dimmable	No
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## Certificates &amp; Standards

Type of protection	IP20
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## Country-specific categorizations

Order reference	ST8E-0.6M 10W/8
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## Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G13
Length	604.00 mm
Height	28.00 mm
Width	28.00 mm

## DOWNLOAD DATA

Photometric and lighting design files	Document name
 IES file (IES)	ST8E-0.6M 10W 230V HO APM OSRAM

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075512139	Sleeve 1	655 mm x 28 mm x 28 mm	114.00 g	0.52 dm <sup>3</sup>
4058075512146	Shipping box 25	700 mm x 168 mm x 170 mm	3355.00 g	19.99 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

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