

# PRODUCT DATASHEET

## ST8A-HF 8 W/3000K 600 mm

SubstiTUBE Advanced HF | High performance LED tubes for electronic high frequency control gears



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### AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50 °C
- Supermarkets and department stores
- Industry
- Offices, public buildings

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### PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Also suitable for operation at low temperatures
- No bending thanks to glass technology

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### PRODUCT FEATURES

- T8 LED tube made of glass with G13 base
- Mercury-free and RoHS compliant
- Type of protection: IP20
- Lifetime: up to 50,000 h



## TECHNICAL DATA

### Electrical data

Rated wattage	8.00 W
Nominal voltage	220...240 V
Nominal wattage	8.00 W
Nominal current	0.051 A
Type of current	AC
Power factor $\lambda$	0.90

### Photometrical data

Rated color temperature	3000 K
Nominal luminous flux	1000 lm
Rated luminous flux	1000 lm
Rated lamp efficacy (standard condition)	125 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	3000 K
Luminous flux	1000 lm
Color rendering index Ra	80

### Light technical data

Starting time	0.5 s
Rated beam angle (half peak value)	180.00 °

### Dimensions & weight

Tube diameter	27.5 mm
Base diameter	25.7 mm
Product weight	116.00 g
Overall length	603.0 mm

### Temperatures & operating conditions

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

Lifespan	50000 h
Nominal lamp life time	50000 h
Rated lamp life time	50000 h
Number of switching cycles	200000

### Additional product data

<b>Base (standard designation)</b>	G13
<b>Mercury-free</b>	Yes

### Capabilities

<b>Dimmable</b>	No
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### Certificates & standards

<b>Type of protection</b>	IP20
<b>Standards</b>	CE
<b>Energy efficiency class</b>	A++
<b>Energy consumption</b>	9 kWh/1000h

### Country-specific categorizations

<b>Order reference</b>	ST8A-0.6M 8W/83
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### Logistical data

<b>Temperature range at storage</b>	-20...80 °C
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### SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.  
Not suitable for operation with low-loss and conventional control gears

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899956254	Sleeves 1	705 mm x 30 mm x 30 mm	163.00 g	0.63 dm <sup>3</sup>
4052899956285	Shipping carton box 25	726 mm x 166 mm x 182 mm	4464.00 g	21.93 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.

### REFERENCES / LINKS

For current information see

▶ [www.ledvance.com/substitute](http://www.ledvance.com/substitute)

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