
ST8V-HF 17 W/840 1200 mm

SubstiTUBE Value HF | LED tubes for electronic high frequency control gears

Areas of application

- Corridors, stairways, parking garages
- Cooling and storage rooms
- Domestic applications
- Industry
- Warehouses
- Supermarkets and department stores

Product benefits

- Quick, simple and safe replacement without rewiring
- Instant-on light, therefore ideally suitable in combination with sensor technology
- Very high resistance to switching loads
- Also suitable for operation at low temperatures
- Extremely break resistant thanks to aluminum heat sink and polycarbonate cover

Product features

- Bright, robust and durable
- Uniform illumination
- Lifetime: up to 30,000 h
- Mercury-free and RoHS compliant
- Type of protection: IP20
- Integrated ECG with high power factor



Technical data

Electrical data

Rated luminous flux	1700 lm
Nominal wattage	17.0 W
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Rated lamp efficacy (standard condition)	100 lm/W
Nominal voltage	56.0 V
Nominal current	0.36 A
Type of current	AC
Power factor λ	> 0.90

Photometrical data

Light color (designation)	Cool White
Color temperature	4000 K
Nominal luminous flux	1700 lm
Color rendering index Ra	>80
Standard deviation of color matching	≤ 6 sdc _m
Rated useful luminous flux 90°	1700 lm

Light technical data

Beam angle	160 °
Starting time	< 0.5 s
Warm-up time (60 %)	< 2.00 s
Nominal beam angle	160 °
Rated beam angle (half peak value)	160.00 °

Dimensions & weight

Overall length	1200 mm
Length	1200 mm
Tube diameter	27.5 mm
Base diameter	25.7 mm
Product weight	232.00 g
Maximum diameter	28.0 mm

Temperatures

Ambient temperature range	-20...+50 °C
Temperature range in operation	-20...50 °C
Temperature range at storage	-20...80 °C

Product datasheet

Lifespan

Nominal lamp life time	30000 h
Rated lamp life time	30000 h
Lumen main.fact.at end of nom.life time	0.70
Number of switching cycles	200000
Lifespan	30000 h

Additional product data

Base (standard designation)	G13
Mercury-free	Yes
Product remark	Available from August 2015

Capabilities

Dimmable	No
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Certificates & standards

Type of protection	IP20
Standards	CE
Energy efficiency class	A
Energy consumption	21 kWh/1000h

Country specific categorizations

ILCOS	DR-17/840-G13-26/1200
Order reference	ST8V-1.2M 17W/8

Logistical data

Temperature range at storage	-20...80 °C
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Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899943131	ST8V-HF 17 W/840 1200 mm	Shipping carton box 25	1335 mm x 166 mm x 182 mm	40.33 dm ³	8283.00 g

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

Product datasheet

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.