

## ST8-HV4 20 W/830 1200 mm

SubstiTUBE Value | Tubular LED lamps



### 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
- Energy savings of up to 65 % (compared to T8 fluorescent lamp on CCG)
- 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

- LED alternative to classic T8 fluorescent lamps in CCG luminaires
- 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

Nominal wattage	20.00 W
Rated wattage	20.00 W
Nominal voltage	230 V
Operating frequency	50...60 Hz
Nominal current	0.089 A
Power factor $\lambda$	> 0.90

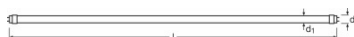
### Photometrical data

Color temperature	3000 K
Nominal luminous flux	1500 lm
Rated luminous flux	1500 lm
Color rendering index Ra	>80
Lumen main.fact.at end of nom.life time	0.70

### Light technical data

Beam angle	150 °
Starting time	< 0.5 s
Warm-up time (60 %)	< 0.50 s
Rated beam angle (half peak value)	150.00 °

### Dimensions & weight



Overall length	1200.0 mm
Length	1200.0 mm
Tube diameter	27.5 mm
Base diameter	27.5 mm
Product weight	160.00 g

## Product datasheet

Maximum diameter	28.0 mm
------------------	---------

### Temperatures

Ambient temperature range	-20...+45 °C
Temperature range in operation	-20...75 °C
Temperature range at storage	-20...80 °C

### Lifespan

Nominal lamp life time	30000 h
Rated lamp life time	30000 h
Number of switching cycles	200000

### Additional product data

Base (standard designation)	G13
Mercury-free	Yes
New article	NEW

### Capabilities

Dimmable	No
----------	----

### Certificates & standards

Energy efficiency class	A
Energy consumption	25 kWh/1000h

### Country specific categorizations

ILCOS	DR-22,5/830-G13-26/1200
Order reference	ST8-HV4-150 20W

---

### Equipment / Accessories

- Suitable for operation with low-loss and conventional control gears

---

### Safety advice

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

---

### Logistical Data

## Product datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899922310	ST8-HV4 20 W/830 1200 mm	Shipping carton box 4	1322 mm x 139 mm x 44 mm	8.09 dm <sup>3</sup>	1400.00 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.

---

### References / Links

For current information see

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

---

### Legal advice

When used to replace a T8 fluorescent lamp the total energy efficiency and light distribution depends on the design of the lighting system.

---

### Disclaimer

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