

## ST8-HB2 9 W/865 600 mm

SubstiTUBE Basic | Tubular LED lamps



### Areas of application

- Cooling and storage rooms
- Corridors, stairways, parking garages
- Ideal for simple lighting tasks

### Product benefits

- Quick, simple and safe replacement without rewiring
- Low maintenance costs thanks to long lifetime
- Energy savings of up to 65 % (compared to T8 fluorescent lamp on CCG)
- Instant-on light, therefore ideally suitable in combination with sensor technology
- Maximum resistance to switching loads
- Correct operation even at low temperatures

### Product features

- LED alternative to classic T8 fluorescent lamps in CCG luminaires
- Uniform illumination
- Wide beam angle: 160° x 120°
- Integrated ECG with high power factor
- Mercury-free and RoHS compliant
- Type of protection: IP20



# Product datasheet

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## Technical data

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### Electrical data

Nominal wattage	9 W
Rated wattage	9 W
Nominal voltage	230 V
Operating frequency	50...60 Hz
Nominal current	0.04 A
Type of current	AC
Energy consumption	9 kWh/1000h

### Light technical data

Light color as per EN 12464-1	Cool Daylight
Color temperature	6500 K
Nominal luminous flux	900 lm
Rated luminous flux	900 lm
Beam angle	160 °x120 °
Color rendering index Ra	> 80
Lumen main.fact.at end of nom.life time	0.70
Standard deviation of color matching	≤6 sdcn
Nominal beam angle	160.00 °
Rated beam angle	160.00 °

### Dimensions & weight

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### Product line drawing

Overall length	603.0 mm
Length	602.5 mm

## Product datasheet

Tube diameter	27.8 mm
Base diameter	27.8 mm
Product weight	110.00 g
Maximum diameter	28.0 mm

### Colors & materials

Mercury-free	Yes
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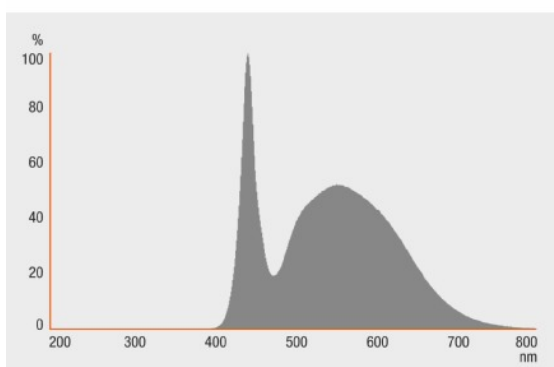
### Temperatures

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

Nominal lamp life time	40000 h
Rated lamp life time	40000 h
Number of switching cycles	200000

### Additional product data



### Spectral power distribution

Base (standard designation)	G13
New article	NEW

### Capabilities

## Product datasheet

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

<b>Standards</b>	CE / acc. to IEC 62471
<b>Energy efficiency class</b>	A+

### Country specific categorizations

<b>ILCOS</b>	DR-9/65/1B-G13-26/590
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### Country specific information

<b>Product code</b>	<b>METEL-Code</b>	<b>SEG number</b>	<b>STK-Number</b>	<b>UK Org</b>
4052899913936	-	8334358	-	-

## Product datasheet

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### Logistical Data

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Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4052899914025	ST8-HB2 9 W/865 600 mm	Shipping carton box 25	- x - x -		

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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.

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### References / Links

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For current information see

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

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### Disclaimer

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