

ST8-HB4 18 W/840 1200 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



Technical data

Electrical data

Nominal wattage	18 W
Rated wattage	18 W
Nominal voltage	230 V
Operating frequency	50...60 Hz
Nominal current	0.08 A
Type of current	AC
Energy consumption	18 kWh/1000h

Light technical data

Light color as per EN 12464-1	Cool White
Color temperature	4000 K
Nominal luminous flux	1900 lm
Rated luminous flux	1900 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 sdc _m
Nominal beam angle	160.00 °
Rated beam angle	160.00 °

Dimensions & weight



Product line drawing

Overall length	1213.0 mm
Length	1212.0 mm

Product datasheet

Tube diameter	27.8 mm
Base diameter	27.8 mm
Product weight	200.00 g
Maximum diameter	28.0 mm

Colors & materials

Mercury-free	Yes
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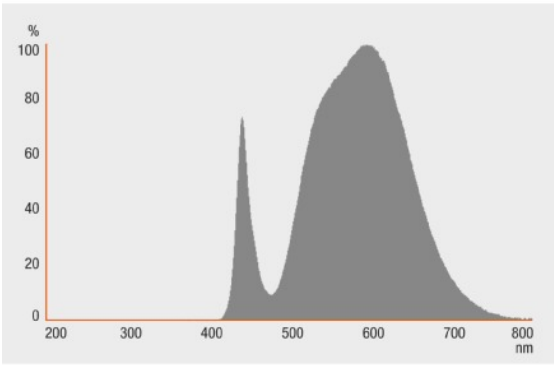
Temperatures

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

Dimmable	No
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Certificates & standards

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

Country specific categorizations

ILCOS	DR-18/40/1B-G13-26/1200
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Country specific information

Product code	METEL-Code	SEG number	STK-Number	UK Org
4052899913950	-	8334360	-	-

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4052899914049	ST8-HB4 18 W/840 1200 mm	Shipping carton box 25	- x - x -		

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

Disclaimer

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