

ST8-HB5 22 W/830 1500 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	22 W
Rated wattage	22 W
Nominal voltage	230 V
Operating frequency	50...60 Hz
Nominal current	0.10 A
Type of current	AC
Energy consumption	22 kWh/1000h

Light technical data

Light color as per EN 12464-1	Warm White
Color temperature	3000 K
Nominal luminous flux	2000 lm
Rated luminous flux	2000 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	1513.0 mm
Length	1512.0 mm

Product datasheet

Tube diameter	27.8 mm
Base diameter	27.8 mm
Product weight	400.00 g
Maximum diameter	28.0 mm

Colors & materials

Mercury-free	Yes
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Temperatures

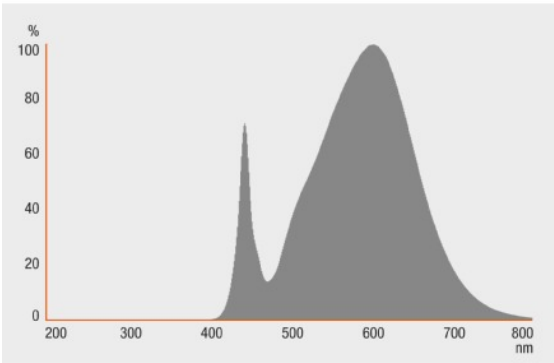
Ambient temperature range	-20...+45 °C
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Lifespan

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

Additional product data

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Spectral power distribution

Base (standard designation)	G13
New article	NEW

Capabilities

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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-22/30/1B-G13-26/1500
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Country specific information

Product code	METEL-Code	SEG number	STK-Number	UK Org
4052899913974	-	8334362	-	-

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4052899914063	ST8-HB5 22 W/830 1500 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

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