

SubstiTUBE Basic

Tubular LED lamps



- 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 line drawing with letters

ST8-HB2 -830 | ST8-HB2 -840 | ST8-HB2 -865 | ST8-HB4 -
840 | ST8-HB4 -830 | ST8-HB4 -865 | ST8-HB5 -830 | ST8-
HB5 -840 | ST8-HB5 -865

Technical data

Product description	Base (standard designation)	Light color as per EN 12464-1	Nominal wattage	Nominal voltage	Ambient temperature range	Product weight
ST8-HB2 -830	G13	Warm White	9.00 W	230.00 V	-30...+45 °C	175.00 g
ST8-HB2 -840	G13	Cool White	9.00 W	230.00 V	-30...+45 °C	175.00 g
ST8-HB2 -865	G13	Cool Daylight	9.00 W	230.00 V	-30...+45 °C	175.00 g
ST8-HB4 -840	G13	Cool White	18.00 W	230.00 V	-30...+45 °C	360.00 g
ST8-HB4 -830	G13	Warm White	18.00 W	230.00 V	-30...+45 °C	360.00 g
ST8-HB4 -865	G13	Cool Daylight	18.00 W	230.00 V	-30...+45 °C	360.00 g
ST8-HB5 -830	G13	Warm White	22.00 W	230.00 V	-30...+45 °C	360.00 g
ST8-HB5 -840	G13	Cool White	22.00 W	230.00 V	-30...+45 °C	360.00 g
ST8-HB5 -865	G13	Cool Daylight	22.00 W	230.00 V	-30...+45 °C	360.00 g

Product description	Type of protection	Diameter	ILCOS
ST8-HB2 -830	IP20	28.0 mm ¹⁾	DR-9/30/1B-G13-26/590
ST8-HB2 -840	IP20	28.0 mm ¹⁾	DR-9/40/1B-G13-26/590
ST8-HB2 -865	IP20	28.0 mm ¹⁾	DR-9/65/1B-G13-26/590
ST8-HB4 -840	IP20	28.0 mm ¹⁾	
ST8-HB4 -830	IP20	28.0 mm ¹⁾	DR-18/30/1B-G13-26/1200
ST8-HB4 -865	IP20	28.0 mm ¹⁾	DR-18/65/1B-G13-26/1200

ST8-HB5 -830	IP20	28.0 mm ¹⁾	DR-22/30/1B-G13-26/1500
ST8-HB5 -840	IP20	28.0 mm ¹⁾	DR-22/40/1B-G13-26/1500
ST8-HB5 -865	IP20	28.0 mm ¹⁾	DR-22/65/1B-G13-26/1500

¹⁾ end cap

Application advice

For more detailed application information and graphics please see product datasheet.

References / Links

For current information see

▶ www.osram.com/substitute

Disclaimer

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