

Product datasheet

ST8PRO-EM 10.3 W/840 900 mm

SubstiTUBE PRO EM | High performance LED tubes for electromagnetic control gears, shatterproof



- General illumination within ambient temperatures from -20...+50 °C Illumination of production areas Traffic zones and corridors Supermarkets and department stores Industry

- No bending thanks to glass technology Shatter protection thanks to special PET coating Support the implementation of the HACCP concepts from production through to presentation Very high resistance to switching loads High luminous flux for sophisticated lighting tasks Quick, simple and safe replacement without rewiring Energy savings of up to 63 % (compared to T8 fluorescent lamp on CCG) Instant-on light, therefore ideally suitable in combination with sensor technology



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Technical data

Electrical data

Rated wattage	10.30 W
Operating frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	92
Max. lamp no. on circuit break. 16 A (B)	147
Nominal wattage	10.30 W
Nominal voltage	220...240 V
Nominal current	0.049 A
Claimed equiv. conventional lamp power	30 W

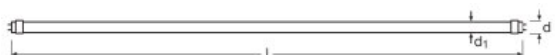
Photometrical data

Standard deviation of color matching	≤ 5 sdc _m
Rated luminous flux	1700 lm
Nominal luminous flux	1700 lm
Rated color temperature	4000 K
Color rendering index Ra	83
Color temperature	4000 K
Light color (designation)	Cool White
Luminous flux	1700 lm
Lumen main.fact.at end of nom.life time	0.70

Light technical data

Beam angle	190 °
Starting time	< 0.5 s

Dimensions & weight



Product weight	144.00 g
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Length	908.0 mm
Outer bulb	T8
Overall length	908.0 mm
Diameter	26.7 mm

Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
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Lifespan

Nominal lamp life time	60000 h
Rated lamp life time	60000 h
Lumen maintenance at end of service life	0.70
Number of switching cycles	200000

Additional product data

Appropriate disposal acc. to WEEE	Yes
Mercury content	0.0 mg
Mercury-free	Yes
Base (standard designation)	G13

Capabilities

Dimmable	No
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Certificates & standards

Energy efficiency class	A++
Energy consumption	11 kWh/1000h
Type of protection	IP20

Country specific categorizations

Order reference	ST8PRO-0.9M 10,
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Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075454125	ST8PRO-EM 10.3 W/840 900 mm	Shipping carton box 10 Pieces Sleeves	1048 mm x 210 mm x 115 mm	25.31 dm ³	2310.00 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.

Disclaimer

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

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