

Product datasheet

ST9 EM 20 W/865 300 mm

SubstiTUBE T9 EM | Circular LED tube for electromagnetic control gear and AC mains



- General illumination within ambient temperatures from -20...+45 °C Corridors, stairways, parking garages
Domestic applications Decorative applications

- Quick, simple and safe replacement without rewiring Energy savings of up to 50% (compared to T9 fluorescent lamp on CCG)
Also suitable for operation at low temperatures Operation directly on 230 V AC mains possible



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Technical data

Electrical data

Rated wattage	20.00 W
Operating frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	50
Max. lamp no. on circuit break. 16 A (B)	80
Nominal wattage	20.00 W
Nominal voltage	220...240 V
Nominal current	0.1 A
Claimed equiv. conventional lamp power	32 W

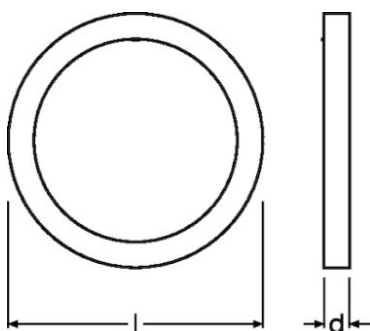
Photometrical data

Standard deviation of color matching	≤ 6 sdc _m
Rated luminous flux	2000 lm
Nominal luminous flux	2000 lm
Rated color temperature	6500 K
Color rendering index Ra	≥ 80
Color temperature	6500 K
Light color (designation)	Cool Daylight
Luminous flux	2000 lm
Lumen main.fact.at end of nom.life time	0.70

Light technical data

Beam angle	123 °
Starting time	< 0.5 s

Dimensions & weight



Product weight	217.00 g
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Length	298.0 mm
Outer bulb	T9
Overall length	298.0 mm
Diameter	30.0 mm

Temperatures & operating conditions

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

Nominal lamp life time	30000 h
Rated lamp life time	30000 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)	G10q

Capabilities

Dimmable	No
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Certificates & standards

Energy efficiency class	A+
Energy consumption	20 kWh/1000h
Type of protection	IP20

Country specific categorizations

Order reference	ST9-32 20W/865
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	18-04-2022
Primary Article Identifier	4058075135505
Declaration No. in SCIP database	In work

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Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075135505	ST9 EM 20 W/865 300 mm	Shipping carton box 10 Pieces Folding carton box	385 mm x 325 mm x 330 mm	41.29 dm ³	3469.00 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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