

PRODUCT DATASHEET

LED TUBE T9 C 40 EM 400 mm 20 W 865

LED TUBE® T9 EM | Circular LED tubes for electromagnetic control gear (CCG)



Areas of application

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

Product benefits

- 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

Product features

- LED alternative to classic T9 fluorescent lamps in CCG luminaires
- Uniform illumination
- Lifetime up to 15,000 h
- Mercury-free and RoHS compliant



TECHNICAL DATA

Electrical data

Nominal wattage	20 W
Construction wattage	20.00 W
Nominal voltage	220...240 V
Operating mode	CCG, AC Mains
Nominal current	95 mA
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Total harmonic distortion	< 42 %
Power factor λ	> 0.50

Photometrical data

Luminous flux	2500 lm
Luminous efficacy	125 lm/W
Light color (designation)	Daylight
Color temperature	6500 K
Color rendering index Ra	> 80
Light color	865
Standard deviation of color matching	≤ 6 sdc _m

Light technical data

Beam angle	$\geq 110.00^\circ$
Starting time	< 0.5 s

Dimensions & Weight



Overall length	400.00 mm
Diameter	40.00 mm
Product weight	320.00 g

Temperatures & operating conditions

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

Number of switching cycles	10000
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Additional product data

Base (standard designation)	G10q
Mercury content	0.0 mg
Mercury-free	Yes

Capabilities

Dimmable	No
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Certificates & Standards

Type of protection	IP20
Photobiological safety group acc. to EN62778	RG0

Country-specific categorizations

Order reference	LEDTUBE T9C EM
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G10q
Length	400.00 mm
Height	400.00 mm
Width	400.00 mm

Safety advice

– Not suitable for operation with electronic control gear.

DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LEDTUBE T9C EM 40 6500 G10Q

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854332449	Folding box 1	38 mm x 408 mm x 446 mm	506.00 g	6.91 dm ³
4099854332456	Shipping box 10	425 mm x 390 mm x 478 mm	5988.00 g	79.23 dm ³

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.ledvance.com/osram-led-tube

DISCLAIMER

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