

# PRODUCT DATASHEET LED TUBE T9 C 32 EM 300 mm 16 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	16 W
Construction wattage	16.00 W
Nominal voltage	220240 V
Operating mode	CCG, AC Mains
Nominal current	78 mA
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Total harmonic distortion	< 42 %
Power factor $\lambda$	> 0.50

# Photometrical data

Luminous flux	2000 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 sdcm

# Light technical data

Beam angle	> 110.00 °
Starting time	< 0.5 s

# Dimensions & Weight

Overall length	300.00 mm
Diameter	300.00 mm
Product weight	234.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+45 °C	
Lifespan		
Number of switching cycles	10000	
Additional product data		
Base (standard designation)	G10q	
Mercury content	0.0 mg	
Mercury-free	Yes	
Capabilities		
Dimmable	No	
Certificates & Standards		
Type of protection	IP20	
Photobiological safety group acc. to EN62778	RG0	
Country-specific categorizations		
Order reference	LEDTUBE T9C EM	
Energy labelling regulation data acc EU 2019/2015		
Light source cap-type (or other electric interface)	G10q	
Length	300.00 mm	
Height	300.00 mm	
Width	300.00 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 32 6500 G10Q

# LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854332388	Folding box	38 mm x 308 mm x 348 mm	247.00 g	4.07 dm <sup>3</sup>
4099854332395	Shipping box 10	397 mm x 329 mm x 386 mm	3121.00 g	50.42 dm <sup>3</sup>

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.