

PRODUCT DATASHEET

LED TUBE T9 C 40 EM 400 mm 20 W 840

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 | 146 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) | Cool white |
| Color temperature | 4000 K |
| Color rendering index Ra | > 80 |
| Light color | 840 |
| Standard deviation of color matching | ≤ 6 sdcn |

Light technical data

| | |
|---------------|--------------------|
| Beam angle | $\gt 110.00^\circ$ |
| Starting time | < 0.5 s |

Dimensions & Weight



| | |
|----------------|-----------|
| Overall length | 400.00 mm |
| Diameter | 30.00 mm |
| Tube diameter | 30 mm |
| Product weight | 320.00 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 | 400.00 mm |
| Height | 30.00 mm |
| Width | 30.00 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 4000 G10Q |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854332425 | Folding box 1 | 38 mm x 408 mm x 446 mm | 506.00 g | 6.91 dm ³ |
| 4099854332432 | 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.