

PRODUCT DATASHEET

LED Special T26 10 320° Filament P 2.2W 827 E14

PARATHOM® SPECIAL T26 | Special LED lamps for refrigerators



Areas of application

- Small designer luminaires
- Domestic refrigerators
- Sewing machines
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Extremely small dimensions
- Good all-around light emission
- Ideal for decorative and free-burning applications
- Long lifetime of up to 15,000 h
- Four year guarantee

Product features

- LED alternative to conventional high voltage lamps
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity



TECHNICAL DATA

Electrical data

| | |
|------------------------------------------|-------------|
| Nominal wattage | 2.2 W |
| Construction wattage | 2.20 W |
| Nominal voltage | 220...240 V |
| Operating mode | AC Mains |
| Claimed equiv. conventional lamp power | 12 W |
| Nominal current | 14 mA |
| Type of current | AC |
| Inrush current | 0.185 A |
| Operating frequency | 50/60 Hz |
| Mains frequency | 50/60 Hz |
| Max. lamp no. on circuit break. 10 A (B) | 270 |
| Max. lamp no. on circuit break. 16 A (B) | 430 |
| Total harmonic distortion | < 125 % |
| Power factor λ | 0.65 |

Photometrical data

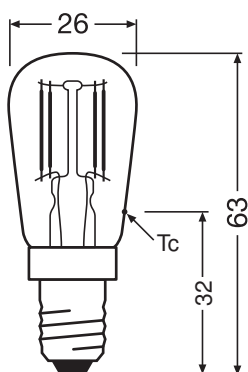
| | |
|-----------------------------------------|---------------------|
| Luminous flux | 110 lm |
| Nominal useful luminous flux 90° | 110 lm |
| Luminous efficacy | 49 lm/W |
| Lumen main.fact.at end of nom.life time | 0.90 |
| Light color (designation) | Warm White |
| Color temperature | 2700 K |
| Color rendering index Ra | ≥80 |
| Light color | 827 |
| Standard deviation of color matching | ≤6 sdc _m |
| Rated LLMF at 6,000 h | 0.80 |
| Flickering metric (Pst LM) | 0.1 |
| Stroboscope effect metric (SVM) | 0.1 |



Light technical data

| | |
|---------------------|----------|
| Beam angle | 320 ° |
| Warm-up time (60 %) | < 0.50 s |
| Starting time | < 0.5 s |

Dimensions & Weight



| | |
|------------------|----------|
| Overall length | 63.00 mm |
| Diameter | 26.00 mm |
| Maximum diameter | 26 mm |
| Product weight | 8.00 g |

Temperatures & operating conditions

| | |
|--------------------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
| Maximum temperature at tc test point | 70 °C |

Lifespan

| | |
|----------------------------------------------|---------|
| Lifespan L70/B50 at 25 °C | 15000 h |
| Number of switching cycles | 100000 |
| Lumen maintenance at end of service lifetime | 0.90 |
| Rated lamp survival factor at 6,000 h | ≥ 0.90 |

Additional product data

| | |
|-----------------------------|--------|
| Base (standard designation) | E14 |
| Mercury content | 0.0 mg |
| Design / version | Clear |

Capabilities

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Certificates & Standards

| | |
|----------------------------------------------|----------------|
| Energy efficiency class | G 1) |
| Energy consumption | 3.00 kWh/1000h |
| Type of protection | IP20 |
| Standards | CE / EAC |
| Photobiological safety group acc. to EN62778 | RG0 |

1) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Country-specific categorizations

| | |
|-----------------|-----------------|
| Order reference | LEDPT2610 CL 2, |
|-----------------|-----------------|

LOGISTICAL DATA

| | |
|------------------------------|--------------|
| Temperature range at storage | -20...+80 °C |
|------------------------------|--------------|

Energy labelling regulation data acc EU 2019/2015

| | |
|-----------------------------------------------------|------|
| Lighting technology used | LED |
| Non-directional or directional | NDLS |
| Mains or non-mains | MLS |
| Light source cap-type (or other electric interface) | E14 |
| Connected light source (CLS) | No |
| Color-tuneable light source | No |
| Envelope | No |
| High luminance light source | No |

| | |
|------------------------------------------------------|--------------|
| Anti-glare shield | No |
| Correlated colour temperature type | SINGLE_VALUE |
| Standby power | 0.00 |
| Claim of equivalent power | Yes |
| Length | 63.00 mm |
| Height | 26.00 mm |
| Width | 26.00 mm |
| Chromaticity coordinate x | 0.463 |
| Chromaticity coordinate y | 0.420 |
| Beam angle correspondence | SPHERE_360 |
| Survival factor | 0.90 |
| LED light source replaces a fluorescent light source | No |
| EPREL ID | 522860 |
| Model number | AC32149 |

DOWNLOAD DATA

Documents and certificates



Declarations Of Conformity CE

Photometric and lighting design files



Spectral power distribution

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075616912 | Folding box 1 | 28 mm x 28 mm x 67 mm | 13.00 g | 0.05 dm ³ |
| 4058075616929 | Shipping box 20 | 150 mm x 122 mm x 77 mm | 296.00 g | 1.41 dm ³ |
| 4058075616936 | Shipping box 120 | 256 mm x 160 mm x 248 mm | 1911.00 g | 10.16 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 Guarantee see www.ledvance.com/guarantee
- For further products and actual information concerning LED lamps see www.ledvance.com/ledlamps

DISCLAIMER

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