

# PRODUCT DATASHEET LED Special T26 25 300° Filament 2.8W 827 Clear E14

LED SPECIAL T26 | Small special LED lamps with E14 screw base



## Areas of application

- Domestic refrigerators
- Atmospheric accent lighting throughout the home
- Small designer luminaires
- 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
- Three year guarantee
- Lower energy consumption than incandescent or halogen lamps

#### Product features

- LED alternative to conventional high voltage lamps
- Good quality of light; color rendering index Ra: ≥ 80; constant chromaticity





## TECHNICAL DATA

## Electrical data

Nominal wattage	2.8 W
Construction wattage	2.80 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	25 W
Nominal current	17 mA
Type of current	AC
Inrush current	0.6 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	50
Max. lamp number on MCB B16 A	80
Total harmonic distortion	< 160 %
Power factor $\lambda$	> 0.40

## Photometrical data

Luminous flux	250 lm
Nominal useful luminous flux 90°	250 lm
Luminous efficacy	89 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

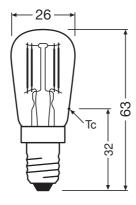


EPREL data spectral diagram PROF LEDr 2700K

# Light technical data

Beam angle	300 °
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	55 °C

## Lifespan

Lifespan L70/B50 at 25 °C	15000 h
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Number of switching cycles	100000		
Lumen maintenance at end of service lifetime	0.93		
additional product data			
Base (standard designation)	E14		
Mercury content	0.0 mg		
Mercury-free	Yes		
Design / version	Clear		
Product remark	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value		
Capabilities			
Dimmable	No		
Certificates & Standards			
Energy efficiency class	F 1)		
Energy consumption	3.00 kWh/1000h		
Type of protection	IP20		
	05 / 510 / W/01		
Standards	CE / EAC / UKCA		
Standards Photobiological safety group acc. to EN62778	RG1		
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Photobiological safety group acc. to EN62778  Description of the Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (local country-specific categorizations)  Order reference  OGISTICAL DATA  Temperature range at storage	RG1  owest efficiency)  LEDT2625 2,8W/8		
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Photobiological safety group acc. to EN62778  Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (locuntry-specific categorizations  Order reference  OGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used	RG1    Division of the property   Property   Property    -20+80 °C      -20+80 °C      -20+80 °C      -20+80 °C		
Photobiological safety group acc. to EN62778  Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (locountry-specific categorizations  Order reference  OGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional	RG1  Division of the property		
Photobiological safety group acc. to EN62778  Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (locuntry-specific categorizations  Order reference  OGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains	RG1  Divest efficiency)  LEDT2625 2,8W/8  -20+80 °C  LED  NDLS  MLS		
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High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0 W
Claim of equivalent power	Yes
Length	63.00 mm
Height	26.00 mm
Width	26.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1403260,522861,1368319,2197773
Model number	AC32150,AC45886,AC24762,AC72491

# Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

### DOWNLOAD DATA

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075432871	Folding box	26 mm x 49 mm x 95 mm	16.00 g	0.12 dm <sup>3</sup>
4058075432888	Shipping box 10	149 mm x 109 mm x 104 mm	202.00 g	1.69 dm³
4058075618725	Shipping box	109 mm x 97 mm x 104 mm	122.00 g	1.10 dm <sup>3</sup>
4058075432895	Shipping box 80	316 mm x 236 mm x 237 mm	2053.00 g	17.67 dm <sup>3</sup>
4058075618732	Shipping box 48	236 mm x 212 mm x 237 mm	1462.00 g	11.86 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 dimming conformity see www.ledvance.com/dim
- For Guarantee see www.ledvance.com/guarantee

### **DISCLAIMER**

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