

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

LED SPECIAL T26 P | 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
- 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



827 Clear E14



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 λ	> 0.40

Photometrical data

250 lm
250 lm
39 lm/W
0.93
Warm White
2700 K
30
327
≤6 sdcm
1.0
0.4
2 3 3 4

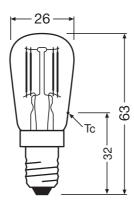


EPREL data spectral diagram PROF LEDr 2700K

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		
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

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

Certificates & Standards

Energy efficiency class	F 1)
Energy consumption	3.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / UKCA
Photobiological safety group acc. to EN62778	RG1

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

Country-specific categorizations

Temperature range at storage

Order reference	LED T26 25 2.8W
LOGISTICAL DATA	

-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 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	1368319,2197773
Model number	AC45886,AC72491

Safety advice

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

DOWNLOAD DATA

	Documents and certificates	Document name	
POF	Declarations of conformity	LED T26 PT26 E14	
PDF	Declarations of conformity	LED T26 230V Filament E14	
PDF	Declarations of conformity UKCA	LED T26 230V Filament E14	
	Photometric and lighting design files	Document name	
	Spectral power distribution	EPREL data spectral diagram PROF LEDr 2700K	

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854066320	Folding box 1	28 mm x 28 mm x 67 mm	13.00 g	0.05 dm ³
4099854066337	Shipping box 20	150 mm x 122 mm x 77 mm	261.00 g	1.41 dm ³
4099854066344	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 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.