

# PRODUCT DATASHEET

## SPC.T26 25 P 2.8W 827 FIL 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

### 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	2.8 W
Construction wattage	2.80 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	25 W
Nominal current	25 mA
Type of current	AC
Inrush current	0.54 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	138
Max. lamp no. on circuit break. 16 A (B)	222
Total harmonic distortion	< 175 %
Power factor $\lambda$	> 0.70

### Photometrical data

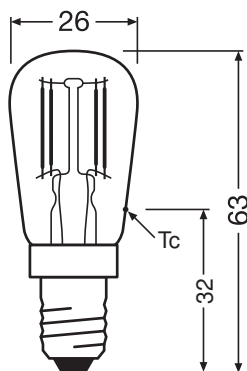
Luminous flux	250 lm
Nominal useful luminous flux 90°	250 lm
Luminous efficacy	89 lm/W
Lumen main.fact.at end of nom.life time	0.90
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	$\leq 6$ sdc <sub>m</sub>
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	$\leq 1$
Stroboscope effect metric (SVM)	$\leq 0.4$



### Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	300.00 °

### Dimensions & Weight



Overall length	65.00 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	80 °C

**Lifespan**

Lifespan	15000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 0.87

**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
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**Certificates & Standards**

Energy efficiency class	F <sup>1)</sup>
Energy consumption	3.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG0

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

**Country-specific categorizations**

Order reference	LED T26 25 2.8W
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**LOGISTICAL DATA**

Temperature range at storage	-20...+80 °C
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**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
Networked standby power for CLS	0 W
Claim of equivalent power	Yes
Length	65.00 mm
Height	26.00 mm
Width	26.00 mm
Chromaticity coordinate x	0.463
Chromaticity coordinate y	0.420
R9 Colour rendering index	>0
Beam angle correspondence	SPHERE_360
Survival factor	0,90
LED light source replaces a fluorescent light source	No
EPREL ID	1368319
Model number	AC45886

## 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 <sup>3</sup>
4099854066337	Shipping box 20	150 mm x 122 mm x 77 mm	296.00 g	1.41 dm <sup>3</sup>
4099854066344	Shipping box 120	256 mm x 160 mm x 248 mm	1911.00 g	10.16 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](http://www.ledvance.com/dim)
- For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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