

PRODUCT DATASHEET

SPC.T26 5 1.6 W/2400 K 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 applications only in suitable luminaires

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

Product features

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



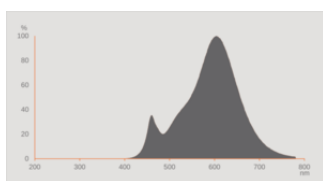
TECHNICAL DATA

Electrical data

Nominal wattage	1.6 W
Construction wattage	1.60 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	5 W
Nominal current	10 mA
Type of current	AC
Inrush current	0.02 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	400
Max. lamp no. on circuit break. 16 A (B)	640
Total harmonic distortion	< 125 %
Power factor λ	> 0.70

Photometrical data

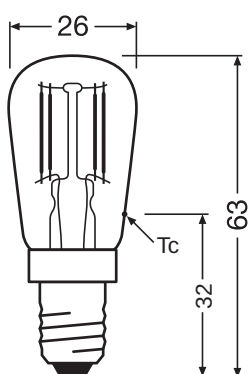
Luminous flux	50 lm
Nominal useful luminous flux 90°	50 lm
Luminous efficacy	31 lm/W
Lumen main.fact.at end of nom.life time	0.90
Light color (designation)	Warm Comfort Light
Color temperature	2400 K
Color rendering index Ra	≥80
Light color	824
Standard deviation of color matching	≤6 sdcn
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.1



Light technical data

Beam angle	320 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	320.00 °

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	65 °C

Lifespan

Nominal lamp life time	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
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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	G 1)
Energy consumption	2.00 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	LEDT265 1,6W/82
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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
Standby power	0.00

Networked standby power for CLS	0.00
Claim of equivalent power	Yes
Length	63.00 mm
Height	26.00 mm
Width	26.00 mm
Chromaticity coordinate x	0.494
Chromaticity coordinate y	0.424
Beam angle	SPHERE_360
Survival factor	0.90
LED light source replaces a fluorescent light source	not applicable
EPREL ID	522858
Model number	AC32147

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075432819	Folding box 1	26 mm x 49 mm x 95 mm	16.00 g	0.12 dm ³
4058075432826	Shipping box 10	149 mm x 109 mm x 104 mm	192.00 g	1.69 dm ³
4058075618619	Shipping box 6	109 mm x 97 mm x 104 mm	118.00 g	1.10 dm ³
4058075432833	Shipping box 80	316 mm x 236 mm x 237 mm	1973.00 g	17.67 dm ³
4058075618626	Shipping box 48	236 mm x 212 mm x 237 mm	1470.00 g	11.86 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.osram-lamps.com/guarantee
- For further products and actual information concerning LED lamps see www.osram-lamps.com/led-lamps

DISCLAIMER

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