

PRODUCT DATASHEET SPC.T26 20 2.3 W/6500 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 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

Product features

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





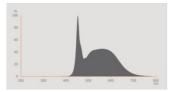
TECHNICAL DATA

Electrical data

Nominal wattage	2.3 W
Construction wattage	2.30 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	20 W
Nominal current	18 mA
Type of current	AC
Inrush current	4.6 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp no. on circuit break. 10 A (B)	30
Max. lamp no. on circuit break. 16 A (B)	38
Total harmonic distortion	< 175 %
Power factor λ	> 0.40

Photometrical data

Luminous intensity	not applicable
Luminous flux	200 lm
Nominal useful luminous flux 90°	200 lm
Luminous efficacy	86 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool Daylight
Color temperature	6500 K
Color rendering index Ra	≥80
Light color	865
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



Light technical data

Beam angle	160 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	160.00 °

Dimensions & Weight

Overall length	63.00 mm
Diameter	25,0 mm
Maximum diameter	25 mm
Product weight	13.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	59 °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	≥ 0.90

Additional product data

Base (standard designation)	E14
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted

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
Standards	CE / EAC
Photobiological safety group acc. to EN62778 RG1	
L) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (local Country-specific categorizations Order reference	
	LEDT2620 2,3W/8
Country-specific categorizations	
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Country-specific categorizations Order reference LOGISTICAL DATA Temperature range at storage Energy labelling regulation data acc EU 2019/2015 Lighting technology used Non-directional or directional Mains or non-mains Light source cap-type (or other electric interface) Connected light source (CLS) Color-tuneable light source	LEDT2620 2,3W/8 -20+80 °C LED NDLS MLS E14 No No
Country-specific categorizations Order reference LOGISTICAL DATA Temperature range at storage Energy labelling regulation data acc EU 2019/2015 Lighting technology used Non-directional or directional Mains or non-mains Light source cap-type (or other electric interface) Connected light source (CLS) Color-tuneable light source Envelope	LEDT2620 2,3W/8 -20+80 °C LED NDLS MLS E14 No No No
Country-specific categorizations Order reference COGISTICAL DATA Temperature range at storage Energy labelling regulation data acc EU 2019/2015 Lighting technology used Non-directional or directional Mains or non-mains Light source cap-type (or other electric interface) Connected light source (CLS) Color-tuneable light source Envelope High luminance light source	LEDT2620 2,3W/8 -20+80 °C LED NDLS MLS E14 No No No No

0 W

Yes

63.00 mm

Networked standby power for CLS

Claim of equivalent power

Length

Height	25,0 mm	
Width	25,0 mm	
Chromaticity coordinate x	0.458	
Chromaticity coordinate y	0.410	
R9 Colour rendering index	0.00	
Beam angle correspondence	SPHERE_360	
Survival factor	0.90	
Displacement factor	0.5	
LED light source replaces a fluorescent light source	No	
EPREL ID	522881,1403258	
Model number	AC32154,AC32154,AC32154,AC24759	

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	Declarations Of Conformity CE
	IES file (IES)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075432789	Folding box 1	26 mm x 49 mm x 95 mm	21.00 g	0.12 dm ³
4058075432796	Shipping box 10	149 mm x 109 mm x 104 mm	272.00 g	1.69 dm³
4058075620285	Shipping box 6	109 mm x 97 mm x 104 mm	154.00 g	1.10 dm³
4058075432802	Shipping box 80	316 mm x 236 mm x 237 mm	2613.00 g	17.67 dm³
4058075620292	Shipping box 48	236 mm x 212 mm x 237 mm	1710.00 g	11.86 dm³

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





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