

PRODUCT DATASHEET

ST SPC.T26 25 2.8 W/2700 K E14

LED STAR SPECIAL T26 | Special LED lamps for refrigerators



Areas of application

- Small designer luminaires
- Domestic refrigerators
- Sewing machines
- Outdoor applications only in suitable luminaires

Product benefits

- Low energy consumption
- Good all-around light emission

Product features

- Mercury-free lamps



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	24 mA
Type of current	AC
Inrush current	6.81 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	80
Max. lamp no. on circuit break. 16 A (B)	125
Total harmonic distortion	< 175 %
Power factor λ	> 0.40

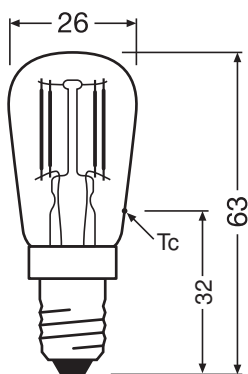
Photometrical data

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	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcn
Rated LLMF at 6,000 h	0.80

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	8.3 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	65 °C

Lifespan

Lifespan	10000 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
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 1)
Energy consumption	3.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / CB
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

Order reference	LEDST2625 2,8W/
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E14
Length	63.00 mm
Height	26.00 mm
Width	26.00 mm
Displacement factor	0.5
EPREL ID	1403260
Model number	AC24762

DOWNLOAD DATA

DOWNLOAD DATA



Declarations Of Conformity CE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075133457	Blister 1	37 mm x 140 mm x 120 mm	20.00 g	0.62 dm ³
4058075133464	Shipping box 9	345 mm x 153 mm x 132 mm	313.00 g	6.97 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 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.