PRODUCT DATASHEET
LED Special T26 55 300° Filament 4.9W 827 Clear 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
- Lower energy consumption than incandescent or halogen lamps

Product features

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

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TECHNICAL DATA

Electrical data

Nominal wattage	4.9 W
Construction wattage	4.90 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	55 W
Nominal current	42 mA
Type of current	AC
Inrush current	1.2 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	27
Max. lamp number on MCB B16 A	44
Total harmonic distortion	< 120 %
Power factor λ	0.40

Photometrical data

Luminous flux	730 lm
Luminous efficacy	148 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	≤6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

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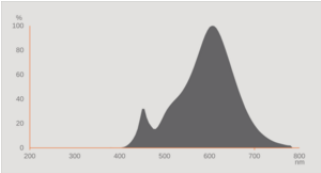
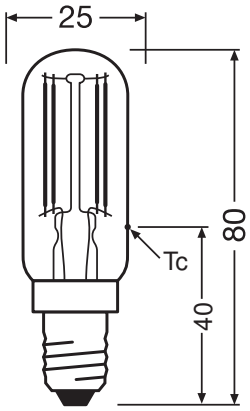


EPREL data spectral diagram PROF LEDr 2700K

Light technical data

Beam angle	300 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	83.00 mm
Diameter	25.00 mm
Maximum diameter	25 mm
Product weight	11.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	60 °C

Lifespan

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Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Rated lamp survival factor at 6,000 h	≥ 0.87

Additional product data

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

Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	D [1)]
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / UKCA
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	LEDT2655 4,9W/8

LOGISTICAL DATA

Temperature range at storage	-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

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Correlated colour temperature type	SINGLE_VALUE
Standby power	0 W
Claim of equivalent power	Yes
Length	83.00 mm
Height	25.00 mm
Width	25.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	5
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1403263,522859,1368317,2197774
Model number	AC32148,AC45880,AC24765,AC72494

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
PDF	Declarations of conformity	LED T26 PT26 E14
PDF	Declarations of conformity	LED T26 60 230V Filament E14
PDF	Declarations of conformity UKCA	LED T26 60 230V Filament E14

	Photometric and lighting design files	Document name
	Spectral power distribution	EPREL data spectral diagram PROF LEDr 2700K

LOGISTICAL DATA

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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075432963	Folding box 1	26 mm x 49 mm x 115 mm	21.00 g	0.15 dm^3
4058075432970	Shipping box 10	149 mm x 109 mm x 124 mm	247.00 g	2.01 dm^3
4058075618954	Shipping box 6	109 mm x 97 mm x 124 mm	140.00 g	1.31 dm^3
4058075432987	Shipping box 80	316 mm x 236 mm x 277 mm	2452.00 g	20.66 dm^3
4058075618961	Shipping box 48	236 mm x 212 mm x 277 mm	1767.00 g	13.86 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 dimming conformity see www.ledvance.com/dim
- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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