

PRODUCT DATASHEET

P SPC.T26 40 4 W/2700 K E14

PARATHOM® SPECIAL T26 | 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	4 W
Construction wattage	4.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	35 mA
Type of current	AC
Inrush current	0.2 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	115
Max. lamp no. on circuit break. 16 A (B)	230
Total harmonic distortion	< 175 %
Power factor λ	0.50

Photometrical data

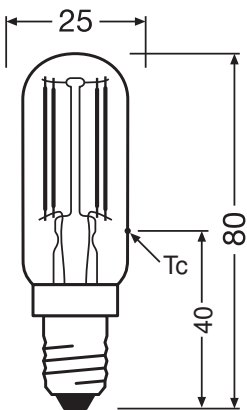
Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	117 lm/W
Lumen main.fact.at end of nom.life time	0.90
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcn
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	0.1
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	80.00 mm
Diameter	25.00 mm
Maximum diameter	25 mm
Product weight	11.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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Maximum temperature at tc test point	70 °C
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Lifespan

Lifespan	15000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.90
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

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

Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	E ¹⁾
Energy consumption	4.00 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	LEDPT2640 CL 4W
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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
Claim of equivalent power	Yes
Length	80.00 mm
Height	25.00 mm
Width	25.00 mm
Chromaticity coordinate x	0.463
Chromaticity coordinate y	0.420
Beam angle correspondence	SPHERE_360
Survival factor	0.90
LED light source replaces a fluorescent light source	No
EPREL ID	522863
Model number	AC32152

DOWNLOAD DATA

Documents and certificates	
	Declarations Of Conformity CE
Photometric and lighting design files	
	Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075616790	Folding box 1	28 mm x 28 mm x 84 mm	15.00 g	0.07 dm ³
4058075616806	Shipping box 20	150 mm x 122 mm x 94 mm	341.00 g	1.72 dm ³
4058075616813	Shipping box 120	378 mm x 162 mm x 206 mm	2198.00 g	12.61 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.ledvance.com/guarantee
- For further products and actual information concerning LED lamps see www.ledvance.com/ledlamps

DISCLAIMER

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