

## PRODUCT DATASHEET

# LED Special T26 25 320° Filament P 2.8W 865 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



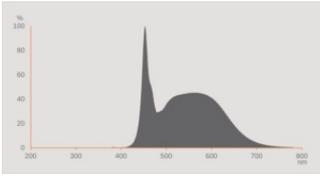
## TECHNICAL DATA

### Electrical data

Nominal wattage	2.8 W
Construction wattage	2.80 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	25 W
Nominal current	17 mA
Type of current	AC
Inrush current	0.23 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	230
Max. lamp no. on circuit break. 16 A (B)	370
Total harmonic distortion	< 125 %
Power factor $\lambda$	0.65

### Photometrical data

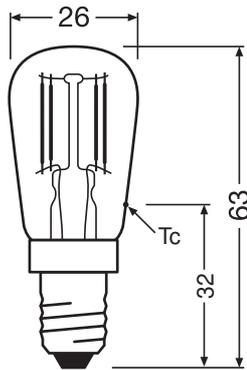
Luminous flux	250 lm
Nominal useful luminous flux 90°	250 lm
Luminous efficacy	89 lm/W
Lumen main.fact.at end of nom.life time	0.90
Light color (designation)	Cool Daylight
Color temperature	6500 K
Color rendering index Ra	≥80
Light color	865
Standard deviation of color matching	≤6 sdcn
Rated LLMF at 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

**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	70 °C

**Lifespan**

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000

Lumen maintenance at end of service lifetime	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	F <sup>1)</sup>
Energy consumption	3.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG0

<sup>1)</sup> Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

### Country-specific categorizations

Order reference	LEDPT2625 CL 2,
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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	63.00 mm
Height	26.00 mm
Width	26.00 mm
Chromaticity coordinate x	0.313
Chromaticity coordinate y	0.337
Beam angle correspondence	SPHERE_360
Survival factor	0.90
LED light source replaces a fluorescent light source	No
EPREL ID	522862
Model number	AC32151

## 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
4058075616837	Folding box 1	28 mm x 28 mm x 67 mm	13.00 g	0.05 dm <sup>3</sup>
4058075616844	Shipping box 20	150 mm x 122 mm x 77 mm	296.00 g	1.41 dm <sup>3</sup>
4058075616851	Shipping box 120	256 mm x 160 mm x 248 mm	1911.00 g	10.16 dm <sup>3</sup>

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](http://www.ledvance.com/guarantee)
- For further products and actual information concerning LED lamps see [www.ledvance.com/ledlamps](http://www.ledvance.com/ledlamps)

**DISCLAIMER**

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