

# PRODUCT DATASHEET

## P SPC.T26 20 2.3 W/6500 K E14

PARATHOM® 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

- 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	2.3 W
Construction wattage	2.30 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	20 W
Nominal current	24 mA
Type of current	AC
Inrush current	3 A
Operating frequency	50 Hz
Mains frequency	50 Hz
Max. lamp no. on circuit break. 10 A (B)	42
Max. lamp no. on circuit break. 16 A (B)	67
Total harmonic distortion	< 80 %
Power factor $\lambda$	> 0.40

### Photometrical data

Luminous flux	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	$\geq 80$
Light color	865
Standard deviation of color matching	$\leq 6$ sdc

### 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	25.00 mm
Maximum diameter	25 mm

Product weight	15.00 g
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### Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	80 °C

### Lifespan

Nominal lamp life time	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
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### Certificates & Standards

Energy efficiency class	A++ <sup>1)</sup>
Energy consumption	2.30 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / CB
Photobiological safety group acc. to EN62778	RG1

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


### Country-specific categorizations

ILCOS	DRBT/F-2,2/865-230-E14-26
Order reference	LEDPT2620 2,3W/

### Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E14
Length	63.00 mm
Height	25.00 mm
Width	25.00 mm

## DOWNLOAD DATA

DOWNLOAD DATA	
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## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899961302	Folding box 1	28 mm x 28 mm x 67 mm	20.00 g	0.05 dm <sup>3</sup>
4052899961494	Shipping box 20	150 mm x 122 mm x 77 mm	436.00 g	1.41 dm <sup>3</sup>
4052899407862	Shipping box 120	256 mm x 160 mm x 248 mm	2751.00 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)

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