

# PRODUCT DATASHEET

## P CLAS B 40 FR 5.7 W/2700K E14

PARATHOM CLASSIC B DIM | Dimmable LED lamps, classic mini-candle shape



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### AREAS OF APPLICATION

- Domestic applications
- General illumination
- Chandeliers
- Outdoor applications only in suitable luminaires

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### PRODUCT BENEFITS

- Very long lifetime of up to 25,000 h
- Low energy consumption
- High color consistency thanks to narrow binning
- Easy replacement of classic lamps thanks to compact design

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### PRODUCT FEATURES

- LED alternative to conventional lamps
- Good quality of light; color rendering index  $R_a: \geq 80$ ; constant chromaticity
- High color consistency:  $\leq 6$  SDCM
- Dimmable (with many common dimmers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim))
- Mercury-free lamps



**TECHNICAL DATA**

Electrical data

<b>Rated wattage</b>	5.70 W
<b>Nominal wattage</b>	5.70 W
<b>Nominal voltage</b>	220...240 V
<b>Operating frequency</b>	50...60 Hz
<b>Power factor <math>\lambda</math></b>	> 0.80
<b>Claimed equiv. conventional lamp power</b>	40 W

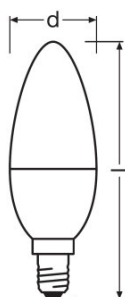
Photometrical data

<b>Nominal luminous flux</b>	470 lm
<b>Rated luminous flux</b>	470 lm
<b>Rated color temperature</b>	2700 K
<b>Lumen main.fact.at end of nom.life time</b>	0.70
<b>Light color (designation)</b>	Warm White
<b>Color temperature</b>	2700 K
<b>Luminous flux</b>	470 lm
<b>Color rendering index Ra</b>	$\geq 80$
<b>Standard deviation of color matching</b>	$\leq 6$ sdc <sub>m</sub>
<b>Color rendering index Ra</b>	$\geq 80$

Light technical data

<b>Warm-up time (60 %)</b>	0.50 s
<b>Starting time</b>	0.5 s

Dimensions & weight



<b>Overall length</b>	106.0 mm
<b>Diameter</b>	35.0 mm
<b>Outer bulb</b>	B35

<b>Length</b>	106.0 mm
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### Temperatures & operating conditions

<b>Maximum temperature at tc test point</b>	105 °C
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### Lifespan

<b>Nominal lamp life time</b>	25000 h
<b>Rated lamp life time</b>	25000 h
<b>Number of switching cycles</b>	100000
<b>Lumen maintenance at end of service life</b>	0.70

### Additional product data

<b>Base (standard designation)</b>	E14
<b>Mercury content</b>	0.0 mg
<b>Mercury-free</b>	Yes
<b>Design / version</b>	Frosted
<b>Show WEEE picto</b>	Yes
<b>Product remark</b>	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. In preparation

### Capabilities

<b>Dimmable</b>	Yes
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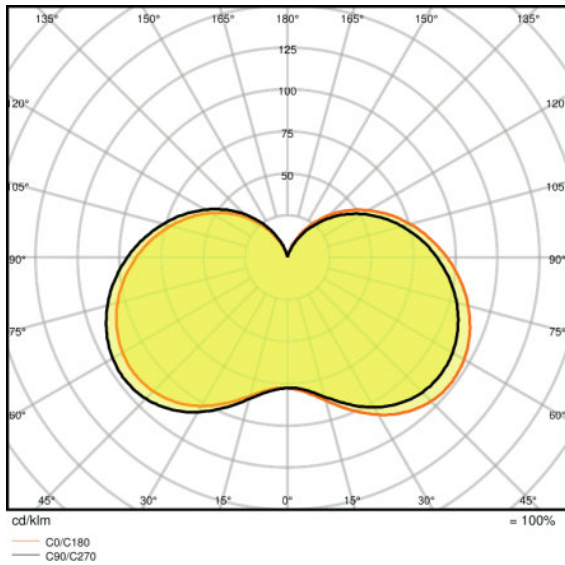
### Certificates & standards

<b>Energy efficiency class</b>	A+
<b>Energy consumption</b>	6 kWh/1000h

### Country-specific categorizations

<b>ILCOS</b>	DRBB/F-6-220-240-E14-35
<b>Order reference</b>	LEDPCLB40D 5,7W

Light Distribution



LDC typ polar

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075101159	Folding carton box 1	39 mm x 39 mm x 109 mm	50.00 g	0.17 dm <sup>3</sup>
4058075101166	Shipping carton box 10	205 mm x 87 mm x 123 mm	638.00 g	2.19 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 dimming conformity see

- ▶ [www.ledvance.com/dim](http://www.ledvance.com/dim)

For further products and actual information concerning LED lamps see

- ▶ [www.ledvance.com/ledlamps](http://www.ledvance.com/ledlamps)

For Guarantee see

- ▶ [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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