

# PRODUCT DATASHEET

## P CLAS A 60 8.8 W/2700 K E27

PARATHOM® CLASSIC A DIM | Dimmable LED lamps, classic bulb shape

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### Areas of application

- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

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### Product benefits

- 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

- Professional LED lamps for line voltage
- Dimmable (with many common dimmers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim))
- Long lifetime: up to 25,000 h
- Good quality of light; color rendering index  $R_a \geq 80$ ; constant chromaticity

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## TECHNICAL DATA

### Electrical data

Nominal wattage	8.8 W
Construction wattage	8.80 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	51 mA
Type of current	AC
Inrush current	18 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp number on MCB B10 A	80
Max. lamp number on MCB B16 A	140
Power factor $\lambda$	> 0.80

### Photometrical data

Luminous flux	806 lm
Nominal useful luminous flux 90°	806 lm
Luminous efficacy	91 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	$\geq 80$
Light color	827
Standard deviation of color matching	$\leq 6$ sdc
Rated LLMF at 6,000 h	0.80

### Light technical data

Beam angle	180 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

### Dimensions & Weight

Overall length	112.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm

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Product weight	80.00 g
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### Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	85 °C

### Lifespan

Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	≥ 0.90

### Additional product data

Base (standard designation)	E27
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 / LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance)

### Capabilities

Dimmable	Yes
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### Certificates & Standards

Energy efficiency class	A+ <sup>1)</sup>
Energy consumption	9.00 kWh/1000h
Type of protection	IP20
Standards	CE
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

Order reference	LEDPCLA60D 8,8W
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## Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Length	112.00 mm
Height	60.00 mm
Width	60.00 mm

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075292550	Folding box 1	61 mm x 61 mm x 109 mm	94.00 g	0.41 dm <sup>3</sup>
4058075292567	Shipping box 10	318 mm x 133 mm x 124 mm	1033.00 g	5.24 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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