

# PRODUCT DATASHEET

## P CLAS A 100 12 W/2700K E27

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



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### AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

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### PRODUCT BENEFITS

- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Very low energy consumption
- Robust against vibrations
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- No UV and near-IR radiation in the light beam
- Can be easily fitted instead of ordinary light bulbs

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### PRODUCT FEATURES

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Dimmable (with many common dimmers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim))
- Base: E27, B22d
- Lifetime: up to 15,000 h



- Lamp made of glass
- Good quality of light; color rendering index  $R_a \geq 80$ ; constant chromaticity

**TECHNICAL DATA**

Electrical data

Rated wattage	12.00 W
Nominal wattage	12.00 W
Nominal voltage	220...240 V
Max. lamp no. on circuit break. 10 A (B)	55
Max. lamp no. on circuit break. 16 A (B)	85
Operating frequency	50...60 Hz
Power factor $\lambda$	> 0.50
Claimed equiv. conventional lamp power	100 W

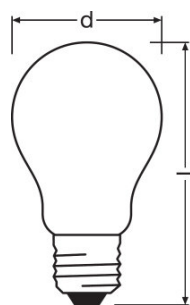
Photometrical data

Nominal luminous flux	1521 lm
Rated luminous flux	1521 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	1521 lm
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	$\leq 6$ sdc
Rated color temperature	2700 K

Light technical data

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

Dimensions & weight



<b>Overall length</b>	105.0 mm
<b>Diameter</b>	60.0 mm
<b>Outer bulb</b>	A70
<b>Length</b>	105.0 mm

#### Temperatures & operating conditions

<b>Ambient temperature range</b>	-20...+40 °C
<b>Maximum temperature at tc test point</b>	65 °C

#### Lifespan

<b>Nominal lamp life time</b>	15000 h
<b>Rated lamp life time</b>	15000 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>	E27
<b>Mercury content</b>	0.0 mg
<b>Mercury-free</b>	Yes
<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/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

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

<b>Energy efficiency class</b>	A++
<b>Energy consumption</b>	12 kWh/1000h

#### Country-specific categorizations

<b>Order reference</b>	LEDPCA100D 12W
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#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075439016	Folding carton box 1	60 mm x 60 mm x 111 mm	46.00 g	0.40 dm <sup>3</sup>
4058075439023	Shipping carton box 10	325 mm x 136 mm x 126 mm	568.00 g	5.57 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.

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#### DISCLAIMER

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