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

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



### AREAS OF APPLICATION

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

### 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

### PRODUCT FEATURES

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




© 2020, LEDVANCE GmbH. All rights reserved.

- Lamp made of glass
- Good quality of light; color rendering index $R_a$: ≥ 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)** | 191 |
| **Max. lamp no. on circuit break. 16 A (B)** | 306 |
| **Operating frequency** | 50…60 Hz |
| **Power factor λ** | > 0.70 |
| **Claimed equiv. conventional lamp power** | 100 W |

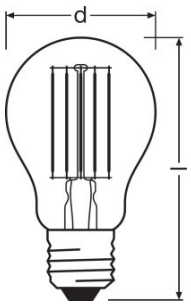
### Photometrical data

| | |
|---|---|
| **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** | ≥80 |
| **Standard deviation of color matching** | ≤6 sdcm |
| **Rated color temperature** | 2700 K |

### Light technical data

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

### Dimensions & weight





© 2020, LEDVANCE GmbH. All rights reserved.

| | |
|---|---|
| **Overall length** | 105.0 mm |
| **Diameter** | 60.0 mm |
| **Outer bulb** | A70 |
| **Length** | 105.0 mm |

## Temperatures & operating conditions

| | |
|---|---|
| **Ambient temperature range** | -20…+40 °C |
| **Maximum temperature at tc test point** | 55 °C |

## Lifespan

| | |
|---|---|
| **Nominal lamp life time** | 15000 h |
| **Rated lamp life time** | 15000 h |
| **Number of switching cycles** | 100000 |
| **Lumen maintenance at end of service life** | 0.70 |

## Additional product data

| | |
|---|---|
| **Base (standard designation)** | E27 |
| **Mercury content** | 0.0 mg |
| **Mercury-free** | Yes |
| **Show WEEE picto** | Yes |
| **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** | Yes |

## Certificates & standards

| | |
|---|---|
| **Energy efficiency class** | A++ |
| **Energy consumption** | 12 kWh/1000h |

## Country-specific categorizations

| | |
|---|---|
| **Order reference** | LEDPCLA100D 12W |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075288362 | Folding carton box<br>1 | 60 mm x 60 mm x 111 mm | 45.00 g | 0.40 $dm^3$ |


© 2020, LEDVANCE GmbH. All rights reserved.

| | | | | |
|---|---|---|---|---|
| 4058075288379 | Shipping carton box 10 | 325 mm x 136 mm x 126 mm | 543.00 g | 5.57 dm³ |

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.

## DISCLAIMER

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


© 2020, LEDVANCE GmbH. All rights reserved.