

# PRODUCT DATASHEET P CLAS A 100 10 W/2700 K E27

PARATHOM® CLASSIC A | LED lamps, classic bulb shape



### Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

### Product benefits

- Lamps with innovative LED "filament" technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Lower energy consumption than incandescent or halogen lamps
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

### **Product features**

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Not dimmable
- Base: E27
- Lifetime up to 15,000 h
- Lamp made of glass
- Good quality of light; color rendering index Ra: ≥ 80; constant chromaticity





# TECHNICAL DATA

# Electrical data

Nominal wattage	10 W
Construction wattage	10.00 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	100 W
Nominal current	78 mA
Type of current	AC
Inrush current	2.54 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	45
Max. lamp number on MCB B16 A	72
Power factor $\lambda$	> 0.50

## Photometrical data

Luminous flux	1521 lm
Nominal useful luminous flux 90°	1521 lm
Luminous efficacy	152 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	≥80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80

# Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

# Dimensions & Weight

Overall length	105.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm

Product weight	32.00 g	
Temperatures & operating conditions		
Ambient temperature range	-20+40 °C	
Maximum temperature at tc test point	65 °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	
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	
Certificates & Standards		
Energy efficiency class	D <sup>1)</sup>	
Energy consumption	10.00 kWh/1000h	
Type of protection	IP20	
Standards	CE	
Photobiological safety group acc. to EN62778	RG1	
Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)  Country, specific cottogorizations.	iency)	
Country-specific categorizations		
	LEDPCLA100 10W/	
Order reference	EEDI OD 1100 1000	
Order reference  Energy labelling regulation data acc EU 2019/2015	EEST OD 1100 1000	
	E27	

105.00 mm

Length

Height	60.00 mm
Width	60.00 mm

# Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075438538	Folding box 1	60 mm x 60 mm x 111 mm	46.00 g	0.40 dm <sup>3</sup>
4058075438545	Shipping box 10	325 mm x 136 mm x 126 mm	583.00 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.

## **DISCLAIMER**

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