

# PRODUCT DATASHEET P CLAS A 100 14 W/4000 K E27

PARATHOM® CLASSIC A | LED lamps, classic bulb shape



#### Areas of application

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

#### Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

#### **Product features**

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime up to 15,000 h
- Good quality of light; color rendering index  $R_a$ :  $\geq$  80; constant chromaticity



# TECHNICAL DATA

# Electrical data

Nominal wattage	14 W
Construction wattage	14.00 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	100 W
Nominal current	110 mA
Type of current	AC
Inrush current	6.36 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	64
Max. lamp number on MCB B16 A	103
Power factor $\lambda$	> 0.50

## Photometrical data

Luminous flux	1521 lm
Nominal useful luminous flux 90°	1521 lm
Luminous efficacy	108 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80

# Light technical data

Beam angle	200 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

# Dimensions & Weight

Overall length	120.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm

Product weight	71.00 g			
Temperatures & operating conditions				
Ambient temperature range	-15+40 °C			
Maximum temperature at tc test point	96.7 °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 comple 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	A+ 1)			
Energy consumption	14.00 kWh/1000h			
Type of protection	IP20			
Standards	CE			
Photobiological safety group acc. to EN62778	RG0			
Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E     Country-specific categorizations	(lowest efficiency)			
Order reference	LEDPCLA100 14W/			
Energy labelling regulation data acc EU 2019/2015				
Light source cap-type (or other electric interface)	E27			
	100.00			

120.00 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
4058075292123	Folding box	60 mm x 60 mm x 120 mm	87.00 g	0.43 dm <sup>3</sup>
4058075292130	Shipping box 10	315 mm x 131 mm x 134 mm	970.00 g	5.53 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 further products and actual information concerning LED lamps see www.ledvance.com/ledlamps
- For Guarantee see www.ledvance.com/guarantee

## **DISCLAIMER**

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