PRODUCT DATASHEET
P CLAS A 100 10 W/4000 K E27

PARATHOM® CLASSIC A | 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

– Lamps with innovative LED "filament" technology
– Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
– Very low energy consumption
– 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 R_a: ≥ 80; constant chromaticity

TECHNICAL DATA

Electrical data

Nominal wattage	10 W
Construction wattage	10.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	100 W
Nominal current	78 mA
Type of current	AC
Inrush current	2.54 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	45
Max. lamp no. on circuit break. 16 A (B)	72
Power factor λ	> 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)	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	300 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	300.00 °

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

Lifespan	15000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 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 [1]
Energy consumption	10.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG1

[1] Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

Country-specific categorizations

Order reference	LEDPCLA100 10W/

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27

Length	105.00 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
4058075439573	Folding box 1	60 mm x 60 mm x 111 mm	46.00 g	0.40 dm³
4058075439580	Shipping box 10	325 mm x 136 mm x 126 mm	583.00 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.