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

PARATHOM Retrofit 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
– Lower thermal output (compared with the standard reference product)

PRODUCT FEATURES

– Professional LED lamps for line voltage
– Beam angle: up to 300°
– Not dimmable
– Base: E27
– Mercury-free lamps

– Lifetime: up to 15,000 h

TECHNICAL DATA

Electrical data

Rated wattage	10.00 W
Nominal wattage	10.00 W
Nominal voltage	220...240 V
Max. lamp no. on circuit break. 10 A (B)	45
Max. lamp no. on circuit break. 16 A (B)	72
Operating frequency	50...60 Hz
Power factor λ	> 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	≥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
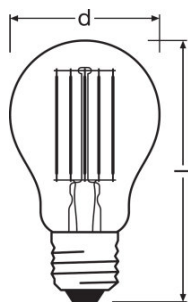
Overall length	105.0 mm

Diameter	60.0 mm
Outer bulb	A60
Length	105.0 mm

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	65 °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	No

Certificates & standards

Energy efficiency class	A++
Energy consumption	10 kWh/1000h

Country-specific categorizations

Order reference	LEDPCLA100 10W/

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075438538	Folding carton box 1	60 mm x 60 mm x 111 mm	46.00 g	0.40 dm³
4058075438545	Shipping carton 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.

—