

PRODUCT DATASHEET P CLAS A 100 11 W/2700 K E27

PARATHOM® CLASSIC A DIM | Dimmable 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

- 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
- Can be easily fitted instead of ordinary light bulbs

Product features

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Dimmable
- Base: E27, B22d
- 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	11 W
Construction wattage	11.00 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	100 W
Nominal current	52 mA
Type of current	AC
Inrush current	2.28 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp no. on circuit break. 10 A (B)	271
Max. lamp no. on circuit break. 16 A (B)	434
Power factor λ	> 0.50

Photometrical data

Luminous flux	1521 lm
Nominal useful luminous flux 90°	1521 lm
Luminous efficacy	138 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 К
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.9







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	31.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	80 °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
Design / version	Frosted
Product remark	Dimmable (with many common dimmers, see also www.ledvance.com/dim)

Capabilities

Ī	Dimmable	Yes
	Similable	163

Certificates & Standards

Energy efficiency class	D 1)
Energy consumption	11.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC





Photobiological safety group acc. to EN62778	RGO
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¹⁾ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Country-specific categorizations

Order reference	LEDPCLA100D 11W
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Energy labelling regulation data acc EU 2019/2015

Lighting technology usedLEDNon-directional or directionalNDLSMains or non-mainsMLSLight source cap-type (or other electric interface)E27Connected light source (CLS)NoColor-tuneable light sourceNoEnvelopeNoHigh luminance light sourceNoAnti-glare shieldNoCorrelated colour temperature typeSINGLE_VALUELength105.00 mmHeight6.000 mmWidth6.000 mmChromaticity coordinate x0.463Chromaticity coordinate y0.420Re Colour rendering index0.90Survival factor9.90Displacement factor0.70LED light source replaces a fluorescent light sourceNoEPREL ID523135Model numberAC32311		
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LED light source replaces a fluorescent light source No EPREL ID 523135	Survival factor	0.90
EPREL ID 523135	Displacement factor	0.70
	LED light source replaces a fluorescent light source	No
Model number AC32311	EPREL ID	523135
	Model number	AC32311

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075590892	Folding box 1	60 mm x 60 mm x 111 mm	46.00 g	0.40 dm ³





Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075590908	Shipping box 10	315 mm x 131 mm x 126 mm	554.00 g	5.20 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.



