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
- Lower energy consumption than incandescent or halogen lamps
- 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 $_a$: \geq 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 number on MCB B10 A	271
Max. lamp number on MCB B16 A	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 K
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



EPREL data spectral diagram PROF LEDr 2700K

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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	31.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	80 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
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	Clear
Product remark	Dimmable (with many common dimmers, see also www.ledvance.com/dim)

Capabilities

Dimmable	Ves
Diminable	res

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 RG0	
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 $^{1) \ {\}small Energy \ efficiency \ class \ (EEC) \ on \ a \ scale \ of \ A \ (highest \ efficiency) \ to \ G \ (lowest \ efficiency)}$

Country-specific categorizations

Order reference	LEDPCLA100D 11W

Energy labelling regulation data acc EU 2019/2015

Lighting technology used Non-directional or directional Mains or non-mains MLS Light source cap-type (or other electric interface) E27 Connected light source (CLS) No Color-tuneable light source No Envelope No High luminance light source No Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Claim of equivalent power Ves Length Height 60.00 mm Width 60.00 mm Width 60.00 mm Chromaticity coordinate x 0.463 Chromaticity coordinate x 0.420 Ream angle correspondence SPHERE_360 Survival factor 0.90 Displacement factor LED light source replaces a fluorescent light source No EPREL ID Model number AC32310	Listen as had a second	LED
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Length 105.00 mm Height 60.00 mm Width 60.00 mm Chromaticity coordinate x 0.463 Chromaticity coordinate y 0.420 R9 Colour rendering index >0 Beam angle correspondence SPHERE_360 Survival factor 0.90 Displacement factor 0.70 LED light source replaces a fluorescent light source No EPREL ID 523134	Correlated colour temperature type	SINGLE_VALUE
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Displacement factor 0.70 LED light source replaces a fluorescent light source No EPREL ID 523134	Beam angle correspondence	SPHERE_360
LED light source replaces a fluorescent light source No EPREL ID 523134	Survival factor	0.90
EPREL ID 523134	Displacement factor	0.70
	LED light source replaces a fluorescent light source	No
Model number AC32310	EPREL ID	523134
	Model number	AC32310

Safety advice

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

DOWNLOAD DATA

Documents and certificates	Document name	
Declarations of conformity	LED lamps CLA,B,G,P	
Photometric and lighting design files	Document name	

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075590878	Folding box 1	60 mm x 60 mm x 111 mm	46.00 g	0.40 dm ³
4058075590885	Shipping box 10	315 mm x 131 mm x 126 mm	554.00 g	5.20 dm ³

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.

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