

PRODUCT DATASHEET LED Classic A 100 DIM P 11W 827 Frosted 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

- Lamps with innovative LED "filament" technology
- Lower energy consumption than incandescent or halogen lamps
- 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)
- Design, dimensions, luminous flux comparable to a halogen lamp

Product features





- Professional LED lamps for line voltage
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Beam angle: up to 360°
- Lifetime up to 15,000 h
- Lamp made of glass
- Good quality of light; color rendering index $R_{a\!\!\stackrel{\centerdot}{\cdot}} \ge 80;$ 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	55 mA
Type of current	AC
Inrush current	0.4 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	100
Max. lamp number on MCB B16 A	120
Total harmonic distortion	20 %
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	0.93
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



EPREL data spectral diagram PROF LEDr 2700K

Light technical data

Beam angle	320 °
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	35.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	70 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

Base (standard designation)	E27	
Mercury content	0.0 mg	
Design / version	Frosted	

Capabilities

Dimmable	Yes
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Certificates & Standards

Energy efficiency class	D
Energy consumption	11.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG1

Country-specific categorizations

Order reference	LEDPCLA100D 11W		
Energy labelling regulation data acc EU 2019/2015			
Lighting technology used	LED		
Non-directional or directional	NDLS		
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		
Standby power	not applicable		
Networked standby power for CLS	not applicable		
Claim of equivalent power	Yes		
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	1		
Beam angle correspondence	SPHERE_360		
Survival factor	0,90		
Displacement factor	0,70		
LED light source replaces a fluorescent light source	No		
EPREL ID	1151047		
Model number	AC41114		

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	
POF	Declarations of conformity	LED lamp CL A/B/P FIL	
	Photometric and lighting design files	Document name	

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Spectral power distribution EPREL data spectral diagram PROF LEDr 2700K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075756182	Folding box 1	60 mm x 60 mm x 111 mm	49.00 g	0.40 dm ³
4058075756199	Shipping box 10	315 mm x 131 mm x 126 mm	584.00 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.