

PRODUCT DATASHEET

LED PFM CLAS A 14 W/2700 K E27

LED PERFORMANCE CLASSIC A DIMMABLE | LED lamps, classic bulb shape, with retrofit screw base



Areas of application

- Domestic applications
- General illumination
- Outdoor applications only in suitable luminaires

Product benefits

- Very high dimmer compatibility, see also www.ledvance.com/dim
- Low energy consumption
- High color consistency thanks to narrow binning
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time
- No UV and near-IR radiation in the light beam
- Good quality of light
- Reliable operation thanks to brand quality

Product features

- Long lifetime up to 25,000 h
- Color rendering index R_a : ≥ 80
- High color consistency: < 6 SDCM
- Luminous efficacy: up to 117 lm/W
- Mercury-free lamps



- Operating temperature from -20 °C to up to +40 °C, up to 95 % relative humidity

TECHNICAL DATA

Electrical data

Nominal wattage	14 W
Construction wattage	14.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	100 W
Nominal current	86 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor λ	0.70

Photometrical data

Luminous flux	1521 lm
Nominal useful luminous flux 90°	1521 lm
Luminous efficacy	108 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 sdc _m

Light technical data

Beam angle	200 °
Warm-up time (60 %)	< 0.50 s
Starting time	0.5 s

Dimensions & Weight

Overall length	120.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	38.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+45 °C
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Lifespan

Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70

Additional product data

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

Capabilities

Dimmable	Yes
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Certificates & Standards

Energy efficiency class	F
Type of protection	IP20
Standards	CB / EMC / ROHS
Photobiological safety group acc. to EN62778	RG0

Country-specific categorizations

Order reference	LPCLADIM 14W/82
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LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Length	120.00 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
4099854254451	Folding box 1	61 mm x 61 mm x 117 mm	55.00 g	0.44 dm ³
4099854254468	Shipping box 10	315 mm x 133 mm x 134 mm	692.00 g	5.61 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.