

# PRODUCT DATASHEET LED PFM CLAS A 12 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 Ra; ≥ 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	12 W
Construction wattage	12.00 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	100 W
Nominal current	72 mA
Type of current	AC
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Power factor $\lambda$	> 0.50

# Photometrical data

Luminous flux	1521 lm
Nominal useful luminous flux 90°	1521 lm
Luminous efficacy	126 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

# 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	32.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C		
Lifespan			
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		
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	Yes		
Certificates & Standards			
Energy efficiency class	E 1)		
Energy consumption	12.00 kWh/1000h		
Photobiological safety group acc. to EN62778	RG0		
Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (     Country-specific categorizations	(lowest efficiency)		
Order reference	LPCLADIM 12W/82		
Energy labelling regulation data acc EU 2019/2015			
Light source cap-type (or other electric interface)	E27		
Correlated colour temperature type	SINGLE_VALUE		
Length	105.00 mm		
Height	60.00 mm		
Width	60.00 mm		
	1403338		
EPREL ID	1403338		

# LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075580046	Folding box	60 mm x 60 mm x 111 mm	46.00 g	0.40 dm <sup>3</sup>
4058075580053	Shipping box 10	325 mm x 136 mm x 126 mm	553.00 g	5.57 dm <sup>3</sup>

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.