

PRODUCT DATASHEET LED Classic P 60 P 6.5W 827 Frosted E14

PARATHOM® Retrofit CLASSIC P 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 lamp
- Very low energy consumption
- Robust against vibrations
- Lamps with innovative LED "filament" technology
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

Product features

- Professional LED lamps for line voltage
- Dimmable
- Lifetime: up to 15,000 h
- Beam angle: up to 300°
- Lamp made of glass
- Good color rendering ($R_a \ge 80$) and color stability throughout the life of the lamp





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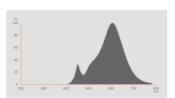
TECHNICAL DATA

Electrical data

Nominal wattage	6.5 W
Construction wattage	6.50 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	38 mA
Type of current	AC
Inrush current	0.02 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp no. on circuit break. 10 A (B)	85
Max. lamp no. on circuit break. 16 A (B)	130
Power factor λ	> 0.50

Photometrical data

Luminous flux	806 lm
Nominal useful luminous flux 90°	806 lm
Luminous efficacy	124 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)	0.4



Light technical data

Beam angle	320 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	78.00 mm
Diameter	45.00 mm
Maximum diameter	45 mm
Product weight	13.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	75 ℃

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)	E14
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

Dimmable	Yes
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Certificates & Standards

Energy efficiency class	E 1)
Energy consumption	7.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

Order reference	LEDPCLP60D 6,5W		
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)	E14		
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	0.0		
Networked standby power for CLS	0.0		
Claim of equivalent power	Yes		
Length	78.00 mm		
Height	45.00 mm		
Width	45.00 mm		
Chromaticity coordinate x	0.458		
Chromaticity coordinate y	0.410		
R9 Colour rendering index	>0		
Beam angle correspondence	SPHERE_360		
Survival factor	0.90		
Displacement factor	0.50		
LED light source replaces a fluorescent light source	No		
EPREL ID	523120		
Model number	AC32295		

DOWNLOAD DATA

	Documents and certificates
PDF	Declarations Of Conformity CE

Photometric and lighting design files



Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075590731	Folding box 1	46 mm x 46 mm x 93 mm	23.00 g	0.20 dm ³
4058075590748	Shipping box 10	240 mm x 101 mm x 108 mm	288.00 g	2.62 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.