

PRODUCT DATASHEET CLAS A 60 P 6.5W 827 FIL FR E27

LED CLASSIC A P | 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
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Very low energy consumption
- 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°
- Not dimmable
- Base: E27
- Lifetime: up to 15,000 h
- Lamp made of glass
- Good quality of light; color rendering index R_a : \geq 80; constant chromaticity





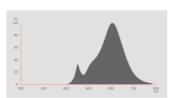
TECHNICAL DATA

Electrical data

Nominal wattage	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	0.1 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	789
Max. lamp no. on circuit break. 16 A (B)	1263
Total harmonic distortion	90 %
Power factor λ	> 0.50

Photometrical data

Luminous flux	806 lm
Luminous efficacy	124 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
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	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	300.00 °

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	70 °C

Lifespan

Lifespan	15000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.93
Rated lamp survival factor at 6,000	≥ 0.90

Additional product data

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

Energy efficiency class	Е
Energy consumption	7.00 kWh/1000h

Order reference LED CLA60 6.5W LOGISTICAL DATA Temperature range at storage -20+80 °C		
Photobiological safety group acc. to EN62778 Country-specific categorizations Order reference LED CLA60 6.5W LED CLA60 6.5W LED CLA60 6.5W Temperature range at storage -20+80 °C Energy labelling regulation data acc EU 2019/2015 Lighting technology used LED Non-directional or directional NDLS Mains or non-mains Light source (CLS) Non Connected light source (CLS) No Color-tuneable light source Energy labelling source No High luminance light source No Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Standby power Networked standby power for CLS not applicable Networked standby power for CLS Light do non Height Height 6000 mm Width 6000 mm Width 6000 mm Width 6000 mm Chromaticity coordinate x Chromaticity coordinate x Pressore SPHERE_360 Survival factor Displacement factor EDE Light source replaces a fluorescent light source No EPREL ID 1351315	Type of protection	IP20
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LED light source replaces a fluorescent light source No 1361315	Survival factor	0.90
EPREL ID 1361315	Displacement factor	≥0.5
	LED light source replaces a fluorescent light source	No
Model number AC45205	EPREL ID	1361315
	Model number	AC45205

DOWNLOAD DATA

DOWNLOAD DATA



Declarations Of Conformity CE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854062421	Folding box 1	60 mm x 60 mm x 111 mm	45.00 g	0.40 dm ³
4099854062438	Shipping box 10	315 mm x 131 mm x 126 mm	544.00 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.

References / Links

- For dimming conformity see www.ledvance.com/dim
- For Guarantee see www.ledvance.com/guarantee

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