

PRODUCT DATASHEET LED Classic A 60 Filament Energy efficiency class A S 4W 830 Clear E27

LED CLASSIC A ENERGY EFFICIENCY A S | LED lamps, classic bulb shape, ENERGY EFFICIENCY CLASS A



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
- Low energy consumption
- Design, dimensions, luminous flux comparable to a halogen lamp
- Instant 100 % light, no warm-up time
- Low flickering

Product features

- LED lamps for line voltage
- Luminous efficacy: up to 210 lm/W
- Beam angle: up to 300°
- Very long lifetime of up to 50,000 h
- Very high number of switching cycles 500,000





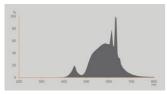
TECHNICAL DATA

Electrical data

Nominal wattage	4 W
Construction wattage	4.00 W
Nominal voltage	220240 V
Operating mode	Mains voltage
Claimed equiv. conventional lamp power	60 W
Nominal current	36 mA
Type of current	AC
Inrush current	18 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	113
Max. lamp number on MCB B16 A	181
Total harmonic distortion	128.6 %
Power factor λ	> 0.49

Photometrical data

Luminous flux	840 lm
Nominal useful luminous flux 90°	840 lm
Luminous efficacy	210 lm/W
Lumen main.fact.at end of nom.life time	0.96
Light color (designation)	Warm White
Color temperature	3000 K
Color rendering index Ra	≥80
Light color	830
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1
Stroboscope effect metric (SVM)	0,90



EPREL Data Spectral Diagram LEDr _3000K_Energy Class A

Light technical data

Beam angle	300 °
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	31.00 g

Temperatures & operating conditions

Ambient temperature range	-2040 °C
Maximum temperature at tc test point	65 °C

Lifespan

Lifespan L70/B50 at 25 °C	50000 h
Number of switching cycles	500000
Lumen maintenance at end of service lifetime	0.96
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

Base (standard designation)	E27

Mercury content 0.0 mg Design / version Cere* Capabilities No Certificates & Standards Energy efficiency class A Energy consumption 4.00 kWh/1000h Type of protection IP20 Standards CE/ EAC Photobiological safety group size. to EN62778 RG0 Country-specific categorizations IED CLA60 4W/83 Energy labelling regulation data acc EU 2019/2015 EE Energy labelling regulation data acc EU 2019/2015 EE Energy labelling regulation data acc EU 2019/2015 EE Light survice cap type for other electric interface) EZ Connected light source (CLS) No Coloi-tuneable light source No Coloi-tuneable light source No Anti-gase shield No Corrected color temperature type SINGLE_VALUE Standby power No Networker is standary power for CLS not applicable Clam of equivalent power Yes Length 80.00 mm Width 60.05 mm </th <th></th> <th></th>		
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Chromaticity coordinate y 0,437	Width	60.00 mm
	Chromaticity coordinate x	0,45
R9 Colour rendering index 1	Chromaticity coordinate y	0,437
	R9 Colour rendering index	1

SPHERE_360

Beam angle correspondence

Survival factor	0,90
Displacement factor	0,487
LED light source replaces a fluorescent light source	No
EPREL ID	1191488
Model number	AC41192

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 CL A lamp

Photometric and lighting design files	Document name
Spectral power distribution	EPREL Data Spectral Diagram LEDr _3000K_Energy Class A

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075747784	Folding box	60 mm x 60 mm x 145 mm	45.00 g	0.52 dm ³
4058075747791	Shipping box 6	202 mm x 134 mm x 130 mm	378.00 g	3.52 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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Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.