PRODUCT DATASHEET
LED CLAS A 100 7.2 W/3000 K E27

LED LAMPS ENERGY CLASS A ENERGY EFFICIENCY FILAMENT CLASSIC A | 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
- Design, dimensions, luminous flux comparable to a halogen lamp
- Very low energy consumption
- Instant 100 % light, no warm-up time
- Low flickering

Product features

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





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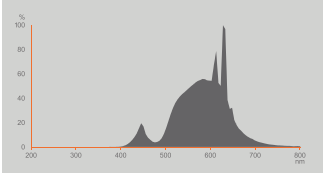
TECHNICAL DATA

Electrical data

Nominal wattage	7.2 W
Construction wattage	7.20 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	100 W
Nominal current	59 mA
Type of current	AC
Inrush current	5.12 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	87
Max. lamp no. on circuit break. 16 A (B)	140
Total harmonic distortion	125,60 %
Power factor λ	≥ 0.53

Photometrical data

Luminous flux	1521 lm
Nominal useful luminous flux 90°	1521 lm
Luminous efficacy	211 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
Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤0.4



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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	<65 °C

Lifespan

Lifespan	50000 h
Number of switching cycles	500000
Lumen maintenance at end of serv	0.96
Rated lamp survival factor at 6,000	≥ 0.90

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Design / version	Clear

Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	A

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Energy consumption	8.00 kWh/1000h
Type of protection	IP20
Standards	CE / ERP / ROHS / REACH / UKCA
Photobiological safety group acc. to EN62778	RG0

Country-specific categorizations

Order reference	LED CLA100 7,2W

LOGISTICAL DATA

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	MLS
Light source cap-type (or other electric interface)	E27
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 W
Networked standby power for CLS	not applicable
Claim of equivalent power	Yes
Length	105.00 mm
Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0,45
Chromaticity coordinate y	0,437
R9 Colour rendering index	0.00
Beam angle correspondence	SPHERE_360
Survival factor	0,9
Displacement factor	≥0.7
LED light source replaces a fluorescent light source	No
EPREL ID	1260026
Model number	AC43727

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DOWNLOAD DATA

	DOWNLOAD DATA
PDF	Declarations Of Conformity CE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854009532	Folding box 1	60 mm x 60 mm x 145 mm	46.00 g	0.52 dm^3
4099854009549	Shipping box 6	202 mm x 134 mm x 120 mm	365.00 g	3.25 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.

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