PRODUCT DATASHEET

Vintage 1906 Edison 16 Filament Magnetic 2.2W 827 Clear E27

Vintage 1906 LED CLASSIC A, Globe and EDISON WITH FILAMENT-MAGNETIC STYLE | LED lamps, decorative classic bulb, Edison and classic ball shapes with filament-magnetic technology



Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Type of protection: IP20, Ideal for indoor use
- Decorative lamps with innovative LED "filament-magnetic" technology
- No Filament Holder: Perfect for decorative installations
- Available in various bulb shapes and diameters

Product features

- Lifetime up to 15,000 h
- Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity
- Lamp made of glass
- Available with color temperature: 2700 K, 1800 K
- Pleasant light: Warm white comfort light color





TECHNICAL DATA

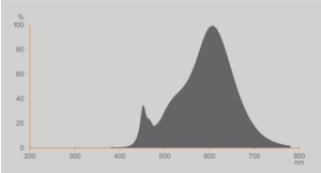
Electrical data

Nominal wattage	2.2 W
Construction wattage	2.20 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	16 W
Nominal current	14 mA
Type of current	AC
Inrush current	0.1 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	571
Max. lamp number on MCB B16 A	914
Power factor λ	≥ 0.40

Photometrical data

Luminous flux	150 lm
Luminous efficacy	68 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

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EPREL Data Spectral Diagram LEDr _2700K_AC44602

Light technical data

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

Dimensions & Weight



Overall length	140.00 mm
Diameter	64.00 mm
Maximum diameter	64 mm
Product weight	48.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	41 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93
Rated lamp survival factor at 6,000 h	≥ 0.90

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Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear
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	No

Certificates & Standards

Energy efficiency class	G [1)]
Energy consumption	3.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA / EAC
Photobiological safety group acc. to EN62778	RG1

1) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Country-specific categorizations

Order reference	1906LEDISON2,2W

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

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Claim of equivalent power	Yes
Length	140.00 mm
Height	64.00 mm
Width	64.00 mm
Chromaticity coordinate x	0.463
Chromaticity coordinate y	0.420
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
LED light source replaces a fluorescent light source	No
EPREL ID	1365802
Model number	AC44602,AC44602

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
PDF	Declarations of conformity	LED CLASSIC MAGNETIC
PDF	Declarations of conformity UKCA	LED CLASSIC MAGNETIC

	Photometric and lighting design files	Document name
	Spectral power distribution	EPREL Data Spectral Diagram LEDr _2700K_AC44602

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854049859	Folding box 1	65 mm x 65 mm x 179 mm	67.00 g	0.76 dm^3
4099854049866	Shipping box 4	148 mm x 142 mm x 191 mm	361.00 g	4.01 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.

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DISCLAIMER

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