PRODUCT DATASHEET

Vintage 1906 Big Elipse Oval 12 Filament Magnetic 4W 818 Smoke E27

Vintage 1906 LED BIG DECORATIVE BULB WITH FILAMENT-MAGNETIC STYLE | LED lamps, decorative big bulbs with filament-magnetic technology



Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination

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 plastic
- Available with color temperature: 2700 K, 1800 K
- Pleasant light: Warm white comfort light color
- Can be used directly as luminaire



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TECHNICAL DATA

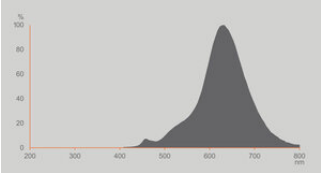
Electrical data

Nominal wattage	4 W
Construction wattage	4.00 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	12 W
Nominal current	35 mA
Type of current	AC
Inrush current	0.3 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	228
Max. lamp number on MCB B16 A	365

Photometrical data

Luminous intensity	Not relevant
Luminous flux	120 lm
Luminous efficacy	30 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Comfort warm white
Color temperature	1800 K
Color rendering index Ra	80
Light color	818
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1
Stroboscope effect metric (SVM)	0.4

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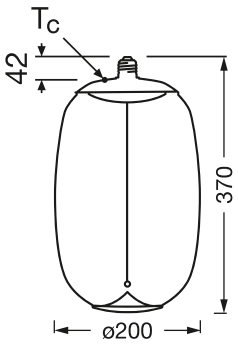


EPREL Data Spectral Diagram LEDr _1800K_Big_Shape_Smoke

Light technical data

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

Dimensions & Weight



Overall length	370.00 mm
Diameter	200.00 mm
Maximum diameter	200 mm
Product weight	520.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	45 °C

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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

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 consumption	4.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG1

Country-specific categorizations

Order reference	1906LBELPOV4W/8

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

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Envelope	No
High luminance light source	No
Anti-glare shield	No
Standby power	0 W
Claim of equivalent power	Yes
Length	370.00 mm
Height	200.00 mm
Width	200.00 mm
Chromaticity coordinate x	0,552
Chromaticity coordinate y	0,408
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.9
LED light source replaces a fluorescent light source	No

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	On-Pack-Info	ELR - exempt lamps
PDF	Declarations of conformity	1906 LED BIG Magnetic
PDF	Declarations of conformity UKCA	1906 LED BIG Magnetic

	Photometric and lighting design files	Document name
	Spectral power distribution	EPREL Data Spectral Diagram LEDr _1800K_Big_Shape_Smoke

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854173981	Folding box 1	208 mm x 208 mm x 417 mm	957.00 g	18.04 dm^3
4099854173998	Shipping box 4	435 mm x 435 mm x 444 mm	4978.00 g	84.02 dm^3

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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

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