# PRODUCT DATASHEET

## Vintage 1906 Big Elipse 12 Filament Magnetic 2.5W 827 Amber 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

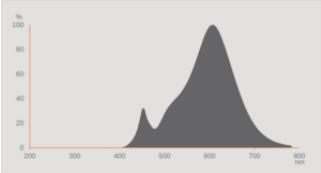
## Electrical data

| | |
|---|---|
| Nominal wattage | 2.5 W |
| Construction wattage | 2.50 W |
| Nominal voltage | 220…240 V |
| Operating mode | AC Mains |
| Claimed equiv. conventional lamp power | 12 W |
| Nominal current | 25 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 | 266 |
| Max. lamp number on MCB B16 A | 426 |

## Photometrical data

| | |
|---|---|
| Luminous intensity | Not relevant |
| Luminous flux | 120 lm |
| Luminous efficacy | 48 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 |
| Stroboscope effect metric (SVM) | 0.4 |


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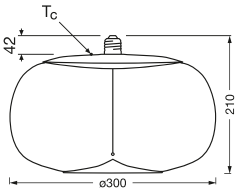


EPREL data spectral diagram PROF LEDr 2700K

## Light technical data

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

## Dimensions & Weight




| | |
|---|---|
| Overall length | 210.00 mm |
| Diameter | 300.00 mm |
| Maximum diameter | 300 mm |
| Product weight | 710.00 g |

## Temperatures & operating conditions

| | |
|---|---|
| Ambient temperature range | -20…+40 °C |
| Maximum temperature at tc test point | 45 °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 |
| 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 | 1906LBELP2,5W/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 |
| Envelope | No |
| High luminance light source | No |
| Anti-glare shield | No |
| Correlated colour temperature type | SINGLE_VALUE |


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| | |
|---|---|
| Standby power | 0 W |
| Claim of equivalent power | Yes |
| Length | 210.00 mm |
| Height | 300.00 mm |
| Width | 300.00 mm |
| Chromaticity coordinate x | 0.458 |
| Chromaticity coordinate y | 0.410 |
| R9 Colour rendering index | 1 |
| Beam angle correspondence | SPHERE_360 |
| Survival factor | 0.9 |
| LED light source replaces a fluorescent light source | No |
| EPREL ID | 1617897 |
| Model number | AC53370,AC53370 |

## 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 | 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 PROF LEDr 2700K |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4099854173806 | Folding box<br>1 | 308 mm x 308 mm x 219 mm | 1296.00 g | 20.78 $dm^3$ |
| 4099854173813 | Shipping box<br>4 | 635 mm x 323 mm x 468 mm | 6328.00 g | 95.99 $dm^3$ |

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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