

## PRODUCT DATASHEET

# Vintage 1906 Edison 12 Filament Magnetic 2.2W 827 Gold 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

- Very low energy consumption
- 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  $R_a \geq 80$ ; constant chromaticity
- Lamp made of glass



- Available with color temperature: 2,700 K, 1,800 K
- Pleasant light: Warm white comfort light colour

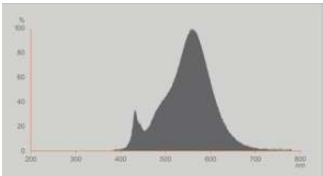
TECHNICAL DATA

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   | 12 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 no. on circuit break. 10 A (B) | 571         |
| Max. lamp no. on circuit break. 16 A (B) | 914         |
| Power factor $\lambda$                   | $\geq 0.40$ |

Photometrical data

|                                         |               |
|-----------------------------------------|---------------|
| Luminous flux                           | 120 lm        |
| Luminous efficacy                       | 54 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    | $\leq 6$ sdcm |
| Rated LLMF at 6,000 h                   | 0.80          |
| Flickering metric (Pst LM)              | $\leq 1.0$    |
| Stroboscope effect metric (SVM)         | $\leq 0.4$    |



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  |

Additional product data

|                             |            |
|-----------------------------|------------|
| Base (standard designation) | E27        |
| Mercury content             | 0.0 mg     |
| Mercury-free                | Yes        |
| Design / version            | Clear gold |

|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 / LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance) |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Capabilities

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

### Certificates & Standards

|                                              |                                |
|----------------------------------------------|--------------------------------|
| Energy efficiency class                      | G <sup>1)</sup>                |
| Energy consumption                           | 3.00 kWh/1000h                 |
| Type of protection                           | IP20                           |
| Standards                                    | CE / ERP / RoHS / REACH / UKCA |
| Photobiological safety group acc. to EN62778 | RG1                            |

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

### Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | 1906ED12 2,2W/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 |

|                                                      |            |
|------------------------------------------------------|------------|
| 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                            | >0         |
| Beam angle correspondence                            | SPHERE_360 |
| Survival factor                                      | 0.90       |
| LED light source replaces a fluorescent light source | No         |
| EPREL ID                                             | 1365805    |
| Model number                                         | AC44605    |

DOWNLOAD DATA

| Documents and certificates                                                          |                                 |
|-------------------------------------------------------------------------------------|---------------------------------|
|    | Declarations Of Conformity CE   |
|   | Declarations Of Conformity UKCA |
| Photometric and lighting design files                                               |                                 |
|  | Spectral power distribution     |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4099854049873 | Folding box<br>1             | 65 mm x 65 mm x 179 mm               | 67.00 g      | 0.76 dm <sup>3</sup> |
| 4099854049880 | Shipping box<br>4            | 148 mm x 142 mm x 191 mm             | 361.00 g     | 4.01 dm <sup>3</sup> |

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.