

## PRODUCT DATASHEET

# Vintage 1906 Classic A 10 Filament 3.4W 818 Smoke E27

Vintage 1906® LED CLASSIC A, Globe and EDISON | LED lamps, vintage edition, classic bulb, classic ball and Edison bulb shape with slim filament - style LED technology



### Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

### 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
- Lamps with innovative LED "slim-filament" technology

### Product features

- LED lamps for line voltage
- Lamp made of glass
- Lifetime: up to 15,000 h
- Beam angle: up to 360°
- Good quality of light; color rendering index  $R_a \geq 80$ ; constant chromaticity
- Can be used directly as luminaire



- Thinner filament, better decorative effect
- Pleasant light: Warm white comfort light colour

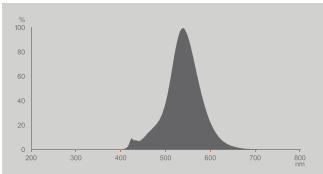
TECHNICAL DATA

Electrical data

|                                          |             |
|------------------------------------------|-------------|
| Nominal wattage                          | 3.4 W       |
| Construction wattage                     | 3.40 W      |
| Nominal voltage                          | 220...240 V |
| Operating mode                           | AC Mains    |
| Claimed equiv. conventional lamp power   | 10 W        |
| Nominal current                          | 20 mA       |
| Type of current                          | AC          |
| Inrush current                           | 0.08 A      |
| Operating frequency                      | 50/60 Hz    |
| Mains frequency                          | 50/60 Hz    |
| Max. lamp no. on circuit break. 10 A (B) | 400         |
| Max. lamp no. on circuit break. 16 A (B) | 640         |
| Power factor $\lambda$                   | > 0.50      |

Photometrical data

|                                         |                    |
|-----------------------------------------|--------------------|
| Luminous flux                           | 100 lm             |
| Nominal useful luminous flux 90°        | 100 lm             |
| Luminous efficacy                       | 29 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 sdcn            |
| Rated LLMF at 6,000 h                   | 0.80               |
| Flickering metric (Pst LM)              | ≤1                 |
| Stroboscope effect metric (SVM)         | ≤0.4               |



Light technical data

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

Dimensions & Weight



|                  |           |
|------------------|-----------|
| Overall length   | 105.00 mm |
| Diameter         | 60.00 mm  |
| Maximum diameter | 60 mm     |
| Product weight   | 30.00 g   |

Temperatures & operating conditions

|                                      |              |
|--------------------------------------|--------------|
| Ambient temperature range            | -20...+40 °C |
| Maximum temperature at tc test point | 53,5 °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 smoke                                                                                                                                                                                                                                                                                                                                  |
| 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 <sup>1)</sup> |
| Energy consumption                           | 4.00 kWh/1000h  |
| Type of protection                           | IP20            |
| Standards                                    | CE              |
| Photobiological safety group acc. to EN62778 | RG0             |

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

Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | 1906 CLA 3,4W/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 |
| Standby power                                       | 0 W          |
| Claim of equivalent power                           | Yes          |
| Length                                              | 105.00 mm    |
| Height                                              | 60.00 mm     |
| Width                                               | 60.00 mm     |
| Chromaticity coordinate x                           | 0,552        |
| Chromaticity coordinate y                           | 0.408        |
| R9 Colour rendering index                           | 0.00         |

|                                                      |            |
|------------------------------------------------------|------------|
| Beam angle correspondence                            | SPHERE_360 |
| Survival factor                                      | 0.90       |
| Displacement factor                                  | ≥0.5       |
| LED light source replaces a fluorescent light source | No         |
| EPREL ID                                             | 1224607    |
| Model number                                         | AC41904    |

DOWNLOAD DATA

| Documents and certificates                                                       |                               |
|----------------------------------------------------------------------------------|-------------------------------|
|  | Declarations Of Conformity CE |
| 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               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075760912 | Folding box<br>1             | 61 mm x 61 mm x 144 mm               | 44.00 g      | 0.54 dm <sup>3</sup> |
| 4058075760929 | Shipping box<br>6            | 195 mm x 140 mm x 156 mm             | 347.00 g     | 4.26 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.