

## PRODUCT DATASHEET

# Vintage 1906 Globe 80 Filament O Lamp DIM 4W 818 Smoke E27

VINTAGE 1906 LED CLASSIC GLOBE O - SHAPE FILAMENT | Dimmable LED lamps, Vintage edition classic ball with O - Filament shape



### Areas of application

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

### Product benefits

- Lamps with innovative LED "filament" technology
- Instant 100 % light, no warm-up time
- Type of protection: IP20, Ideal for indoor use

### Product features

- Dimmable (with many common dimmers, see also [www.osram-lamps.com/dim](http://www.osram-lamps.com/dim))
- Pleasant light: Warm white comfort light color
- Lifetime up to 25,000 h
- Rotation angle luminaire head: 180°
- Can be used directly as luminaire



## 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                        | 24 mA       |
| Type of current                        | AC          |
| Inrush current                         | 0.024 A     |
| Operating frequency                    | 50/60 Hz    |
| Mains frequency                        | 50/60 Hz    |
| Max. lamp number on MCB B10 A          | 333         |
| Max. lamp number on MCB B16 A          | 533         |
| Total harmonic distortion              | < 110 %     |
| Power factor $\lambda$                 | $\geq 0.70$ |

### Photometrical data

|   |                           |
|---|---------------------------|
| Luminous flux                           | 110 lm                    |
| Luminous efficacy                       | 27 lm/W                   |
| Lumen main.fact.at end of nom.life time | 0.96                      |
| Light color (designation)               | Comfort warm white        |
| Color temperature                       | 1800 K                    |
| Color rendering index Ra                | 80                        |
| Light color                             | 818                       |
| Standard deviation of color matching    | $\leq 6$ sdc <sub>m</sub> |
| Flickering metric (Pst LM)              | $\leq 1$                  |
| Stroboscope effect metric (SVM)         | $\leq 0.4$                |

### Light technical data

|                     |        |
|---------------------|--------|
| Beam angle          | 330 °  |
| Warm-up time (60 %) | 0.50 s |
| Starting time       | 0.5 s  |

### Dimensions & Weight



|                  |           |
|------------------|-----------|
| Overall length   | 120.00 mm |
| Diameter         | 80.00 mm  |
| Maximum diameter | 80 mm     |
| Product weight   | 59.00 g   |

### Temperatures & operating conditions

|                                      |              |
|--------------------------------------|--------------|
| Ambient temperature range            | -25...+40 °C |
| Maximum temperature at tc test point | 85 °C        |

### Lifespan

|  |         |
|--|---------|
| Lifespan L70/B50 at 25 °C                    | 25000 h |
| Number of switching cycles                   | 100000  |
| Lumen maintenance at end of service lifetime | 0.96    |

### 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 | Yes |
|----------|-----|

### Certificates & Standards

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

### Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | 1906LG80D12 4W/ |
|-----------------|-----------------|

**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         |
| Standby power  | 0 W        |
| Claim of equivalent power                            | Yes        |
| Length   | 120.00 mm  |
| Height   | 80.00 mm   |
| Width  | 80.00 mm   |
| Chromaticity coordinate x                            | 0.5499     |
| Chromaticity coordinate y                            | 0.4050     |
| R9 Colour rendering index                            | 1          |
| Beam angle correspondence                            | SPHERE_360 |
| Survival factor                                      | 0.9        |
| Displacement factor                                  | ≥0.8       |
| 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 |
|---|---------------|
|  Declarations of conformity | LED lamp      |

| Documents and certificates   |                                 | Document name |
|--|---------------------------------|---------------|
|  | Declarations of conformity UKCA | LED lamp      |

**LOGISTICAL DATA**

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075846142 | Folding box<br>1             | 55 mm x 72 mm x 133 mm               | 83.00 g      | 0.53 dm <sup>3</sup> |
| 4058075846159 | Shipping box<br>6            | 181 mm x 164 mm x 176 mm             | 670.00 g     | 5.22 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.