

# PRODUCT DATASHEET

## SMART+ Filament Globe Dimmable 42 6W 825 230V FIL SM E27

SMART+ WiFi Filament Globe Dimmable | Classic globe shape with filament-style with WiFi technology



### Areas of application

- General illumination
- Residential interiors
- Professional (hotels, bars, boutiques etc.)
- Outdoor use in suitable outdoor luminaires only

### Product benefits

- Wireless control via app
- Easy to install and use
- Contains no mercury
- Lower energy consumption than incandescent or halogen lamps

### Product features

- Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
- Controllable via Google Assistant and Amazon Alexa possible
- Network protocol: WiFi
- Dimmable
- Lifetime up to 15,000 h



TECHNICAL DATA

Electrical data

|                                        |                 |
|----------------------------------------|-----------------|
| Nominal wattage                        | 6 W             |
| Construction wattage                   | 6.00 W          |
| Nominal voltage                        | 220...240 V     |
| Nominal current                        | 34 mA           |
| Operating frequency                    | 50...60 Hz / 50 |
| Mains frequency                        | 50...60 Hz      |
| Power factor $\lambda$                 | > 0.50          |
| Claimed equiv. conventional lamp power | 42 W            |
| Operating mode                         | AC Mains        |

Photometrical data

|                                         |                           |
|-----------------------------------------|---------------------------|
| Light color (designation)               | Warm White                |
| Lumen main.fact.at end of nom.life time | 0.93                      |
| Standard deviation of color matching    | $\leq 6$ sdc <sub>m</sub> |
| Nominal luminous flux                   | 500 lm                    |
| Luminous flux                           | 500 lm                    |
| Luminous efficacy                       | 83 lm/W                   |
| Adjustable color temperature            | 2500 K                    |
| Color temperature                       | 2500 K                    |
| Color rendering index Ra                | 80                        |
| Flickering metric (Pst LM)              | <1.0                      |
| Stroboscope effect metric (SVM)         | <0.9                      |



MJT3030 STW8C2SB 2700K

Light technical data

|            |       |
|------------|-------|
| Beam angle | 320 ° |
|------------|-------|

|                     |          |
|---------------------|----------|
| Starting time       | < 0.5 s  |
| Warm-up time (60 %) | < 0.50 s |

Dimensions & Weight

|                    |           |
|--------------------|-----------|
| Product weight     | 285.00 g  |
| Diameter           | 200.00 mm |
| Maximum diameter   | 200 mm    |
| Length             | 290.00 mm |
| Width              | 200.00 mm |
| Height             | 200.00 mm |
| Outer bulb [PICOS] | G200      |

Lifespan

|                                              |         |
|----------------------------------------------|---------|
| Number of switching cycles                   | 100000  |
| Lifespan                                     | 15000 h |
| Lumen maintenance at end of service lifetime | 0.70    |

Colors & materials

|               |            |
|---------------|------------|
| Product color | Light grey |
|---------------|------------|

Temperatures & operating conditions

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
|---------------------------|--------------|

Additional product data

|                             |                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mercury-free                | Yes                                                                                                                                                                                                                                                                                                                                          |
| 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 |
| Base (standard designation) | E27                                                                                                                                                                                                                                                                                                                                          |

Capabilities

|          |                   |
|----------|-------------------|
| Dimmable | Yes <sup>1)</sup> |
|----------|-------------------|

|                                  |                                 |
|----------------------------------|---------------------------------|
| Compatible smart home technology | Amazon Alexa / Google Assistant |
|----------------------------------|---------------------------------|

1) Via App

Certificates & Standards

|                         |                |
|-------------------------|----------------|
| Energy efficiency class | G 1)           |
| Energy consumption      | 6.00 kWh/1000h |
| Standards               | CE             |
| Type of protection      | IP20           |

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

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)                         | Yes          |
| Color-tuneable light source                          | No           |
| Envelope                                             | No           |
| High luminance light source                          | No           |
| Anti-glare shield                                    | No           |
| Correlated colour temperature type                   | SINGLE_VALUE |
| Standby power                                        | 0.5 W        |
| Networked standby power for CLS                      | 0.50         |
| Claim of equivalent power                            | Yes          |
| Chromaticity coordinate x                            | 0.4776       |
| Chromaticity coordinate y                            | 0.4147       |
| R9 Colour rendering index                            | 0.00         |
| Beam angle correspondence                            | SPHERE_360   |
| Survival factor                                      | 0.90         |
| Displacement factor                                  | 0.90         |
| LED light source replaces a fluorescent light source | No           |
| EPREL ID                                             | 644691       |
| Model number                                         | AC32972      |

EQUIPMENT / ACCESSORIES

- For control via LEDVANCE SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)

### 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                                         |
|----------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------|
|  | Extended installation guide | SMART+ INSTALLATION GUIDE                             |
|  | Extended installation guide | Smart wifi DIM                                        |
|  | Declarations of conformity  | EU Declaration of Conformity – Smart Filament WiFi CL |

| Photometric and lighting design files                                              |                             | Document name          |
|------------------------------------------------------------------------------------|-----------------------------|------------------------|
|  | Spectral power distribution | MJT3030 STW8C2SB 2700K |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075609877 | Folding box<br>1             | 220 mm x 212 mm x 308 mm             | 739.00 g     | 14.37 dm <sup>3</sup> |
| 4058075609884 | Shipping box<br>2            | 456 mm x 324 mm x 239 mm             | 2215.00 g    | 35.31 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.

### References / Links

- Further information and frequently asked questions (FAQs) at [www.ledvance.com/consumer/smart/faq](http://www.ledvance.com/consumer/smart/faq)

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