

# PRODUCT DATASHEET

## SMART+ BT CLA GLOBE60 60 6 W/2700 K E27

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



### Areas of application

- General illumination
- Outdoor use in suitable outdoor luminaires only

### Product benefits

- Lamps with innovative LED "filament" technology
- Easy to install and use
- Contains no mercury
- Lower energy consumption than incandescent or halogen lamps

### Product features

- LED lamp with wireless smart lighting function
- Available with clear bulb or amber-gold bulb finish
- Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
- For full functionality with control via Apple Home App connection to Apple TV (with tvOS 10 or later) or iPad (with iOS 10 or later) required
- Dimmable
- Network protocol: Bluetooth
- Lifetime: up to 20,000 h



- Your Smart Home obeys your word - use Google Assistant and control your light via voice control

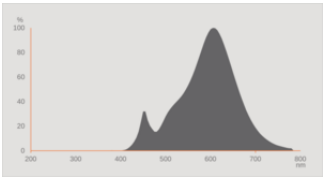
TECHNICAL DATA

Electrical data

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

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                   | 806 lm                    |
| Luminous flux                           | 806 lm                    |
| Luminous efficacy                       | 134 lm/W                  |
| Adjustable color temperature            | 2700 K                    |
| Color temperature                       | 2700 K                    |
| Color rendering index Ra                | 80                        |
| Flickering metric (Pst LM)              | 1.0                       |
| Stroboscope effect metric (SVM)         | 0.9                       |



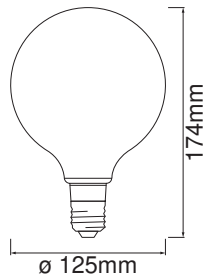
EPREL data spectral diagram PROF  
LEDr 2700K

Light technical data

|            |       |
|------------|-------|
| Beam angle | 300 ° |
|------------|-------|

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

Dimensions & Weight



|                    |           |
|--------------------|-----------|
| Product weight     | 100.00 g  |
| Diameter           | 124.00 mm |
| Maximum diameter   | 124 mm    |
| Length             | 168.00 mm |
| Width              | 124.00 mm |
| Height             | 124.00 mm |
| Outer bulb [PICOS] | G125      |

Lifespan

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

Colors & materials

|               |       |
|---------------|-------|
| Housing color | White |
|---------------|-------|

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

### Certificates & Standards

|                         |                |
|-------------------------|----------------|
| Energy efficiency class | E 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                           | 0.463        |
| Chromaticity coordinate y                           | 0.420        |
| R9 Colour rendering index                           | 0.00         |
| Beam angle correspondence                           | SPHERE_360   |
| Survival factor                                     | 0.90         |
| Displacement factor                                 | 0.50         |

|  |                 |
|--|-----------------|
| LED light source replaces a fluorescent light source | No              |
| EPREL ID   | 1403112,644662  |
| Model number   | AC32943,AC25968 |





## EQUIPMENT / ACCESSORIES

- For control via LEDVANCE SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)
- For control via Apple Home App iPhone (with iOS 10 or later), iPad (with iOS 10 or later) , Apple TV (with tvOS 10 or later) or Apple Watch (with watchOS 2 or later) required

## 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  | EU Declaration of Conformity – SMART BT Classic A60 DIM filament E27 AC32941 |
|   | Declarations of conformity  | SMART BT FILAMENT  |
|   | EU Data Act                 | SMART Bluetooth Mesh Lighting Products                                       |
| 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                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075208568 | Folding box<br>1             | 143 mm x 140 mm x 195 mm             | 188.00 g     | 3.90 dm <sup>3</sup>  |
| 4058075211582 | Shipping box<br>4            | 304 mm x 290 mm x 207 mm             | 958.00 g     | 18.25 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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Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.