

# PRODUCT DATASHEET

## SMART+ WiFi Filament Globe 40 Multicolour E27

SMART+WIFI Filament Globe RGBTW | Classic Globe shape with filament design with WiFi technology



### Areas of application

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

### 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)
- Adjustable light color via Tunable White: Warm White to Cool White (2,700 K...6,500 K)
- RGB color control, approx. 16 million color options adjustable
- Dimmable
- Network protocol: WiFi
- Lifetime up to 15,000 h
- Voice control works with Hey Google or Alexa



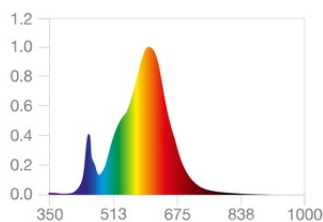
TECHNICAL DATA

Electrical data

|  |             |
|--|-------------|
| Nominal wattage                        | 4.8 W       |
| Construction wattage                   | 4.80 W      |
| Nominal voltage                        | 220...240 V |
| Nominal current                        | 50 mA       |
| Mains frequency                        | 50/60 Hz    |
| Power factor $\lambda$                 | 0.40        |
| Claimed equiv. conventional lamp power | 40 W        |
| Operating mode                         | AC Mains    |

Photometrical data

|   |                           |
|---|---------------------------|
| Light color (designation)               | RGBTW                     |
| 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                   | 470 lm                    |
| Luminous flux                           | 470 lm                    |
| Luminous efficacy                       | 97 lm/W                   |
| Adjustable color temperature            | 2700...6500 K             |
| Color temperature                       | 2700...6500 K             |
| Color rendering index Ra                | 80                        |
| Flickering metric (Pst LM)              | <1.0                      |
| Stroboscope effect metric (SVM)         | <0.4                      |



EPREL Data Spectral Diagram LEDr  
 AC42286 AC42287 AC42288  
 RGBTW

## Light technical data

|               |       |
|---------------|-------|
| Beam angle    | 320 ° |
| Starting time | 0.5 s |

## Dimensions &amp; Weight



|                    |           |
|--------------------|-----------|
| Product weight     | 100.00 g  |
| Diameter           | 124.00 mm |
| Maximum diameter   | 124 mm    |
| Length             | 173.00 mm |
| Width              | 124.00 mm |
| Height             | 124.00 mm |
| Outer bulb [PICOS] | G125      |

## Lifespan

|                            |         |
|----------------------------|---------|
| Number of switching cycles | 100000  |
| Lifespan                   | 15000 h |

## Colors &amp; materials

|               |       |
|---------------|-------|
| Product color | Clear |
| Housing color | Clear |

## Temperatures &amp; operating conditions

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

## Additional product data

|                             |  |
|-----------------------------|--|
| 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 |

<sup>1)</sup> Via App

### Certificates & Standards

|                         |                 |
|-------------------------|-----------------|
| Energy efficiency class | F <sup>1)</sup> |
| Energy consumption      | 5.00 kWh/1000h  |
| Standards               | CE              |
| Type of protection      | IP20            |

<sup>1)</sup> 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                          | Yes        |
| Envelope   | No         |
| High luminance light source                          | No         |
| Anti-glare shield                                    | No         |
| Correlated colour temperature type                   | RANGE      |
| Standby power  | ⊠ 0.5 W    |
| Networked standby power for CLS                      | ⊠ 0.5 W    |
| 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                                      | 0.9        |
| LED light source replaces a fluorescent light source | No         |
| EPREL ID   | 1254723    |
| Model number   | AC42288    |





### 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.

### DOWNLOAD DATA

| Documents and certificates   |                             | Document name  |
|--|-----------------------------|--|
|    | Extended installation guide | SH Insert WiFi StartUpG Lamps RGBTW LDV                        |
|    | Declarations of conformity  | SMART WiFi A40 / E40 / G40                                     |
|    | EU Data Act                 | SMART WiFi Lamps and Luminaires                                |
| Photometric and lighting design files  |                             | Document name  |
|  | Spectral power distribution | EPREL Data Spectral Diagram LEDr AC42286 AC42287 AC42288 RGBTW |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075777897 | Folding box<br>1             | 143 mm x 140 mm x 195 mm             | 188.00 g     | 3.90 dm <sup>3</sup>  |
| 4058075777903 | Shipping box<br>4            | 304 mm x 290 mm x 207 mm             | 1018.00 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)

### DISCLAIMER

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