# PRODUCT DATASHEET

# SMART+ Filament Globe RGBW 30 4.5 W/ 2700 K E27

SMART+ WiFi Filament Globe RGBW | 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
- Lower energy consumption than incandescent or halogen lamps

## Product features

- Controllable 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
- Light color: Warm White (2,700 K)



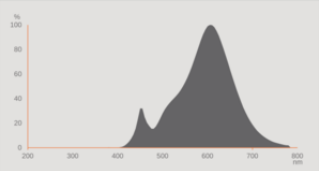
# TECHNICAL DATA

## Electrical data

| | |
|---|---|
| Nominal wattage | 4.5 W |
| Construction wattage | 4.50 W |
| Nominal voltage | 220…240 V |
| Nominal current | 50 mA |
| Operating frequency | 50…60 Hz |
| Mains frequency | 50…60 Hz |
| Power factor λ | > 0.50 |
| Claimed equiv. conventional lamp power | 30 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 | ≤6 sdcm |
| Nominal luminous flux | 300 lm |
| Luminous flux | 300 lm |
| Luminous efficacy | 66 lm/W |
| Color temperature | 2700 K |
| Color rendering index Ra | 80 |
| Flickering metric (Pst LM) | 1.0 |
| Stroboscope effect metric (SVM) | 0.4 |



EPREL data spectral diagram PROF LEDr 2700K

## Light technical data

| | |
|---|---|
| Beam angle | 300 ° |
| Starting time | < 0.5 s |


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| | |
|---|---|
| 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 [1)] |
| Lumen maintenance at end of service lifetime | 0.70 |

1) L70/B50

## Colors & materials

| | |
|---|---|
| Product color | Transparent |

## 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 |


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## Capabilities

| | |
|---|---|
| Dimmable | Yes [1)] |
| Network protocol | WiFi |

1) Via App

## Certificates & Standards

| | |
|---|---|
| Energy efficiency class | G [1)] |
| Energy consumption | 5.00 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 | 0.50 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 |
| LED light source replaces a fluorescent light source | No |
| EPREL ID | 644694 |
| Model number | AC32960 |


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## 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 |
|---|---|---|
| PDF | Extended installation guide | SH Insert WIFI StartUpG Lamps RGBTW LDV |
| PDF | Declarations of conformity | EU Declaration of Conformity – Smart WiFi CL RFBW |
| PDF | EU Data Act | SMART WiFi Lamps and Luminaires |

| | 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 |
|---|---|---|---|---|
| 4058075609938 | Folding box<br>1 | 143 mm x 140 mm x 195 mm | 188.00 g | 3.90 $dm^3$ |
| 4058075609945 | Shipping box<br>4 | 304 mm x 290 mm x 207 mm | 1018.00 g | 18.25 $dm^3$ |

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/en-int/home-lighting/services/faq

## DISCLAIMER

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