

# PRODUCT DATASHEET

## SMART+ WiFi Classic 100 14 W/2700 K E27

SMART+ WiFi Classic Dimmable | Classic bulb shape 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

### Product features

- Controllable via LEDVANCE SMART+ WiFi App (with minimum Android™ 4.4 or iOS 9.0)
- Controllable via Google Assistant and Amazon Alexa possible
- Network protocol: WiFi
- Dimmable
- Lifetime: up to 15,000 h



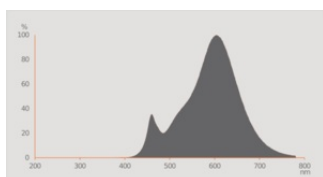
## TECHNICAL DATA

### Electrical data

|                                        |            |
|----------------------------------------|------------|
| Nominal wattage                        | 14 W       |
| Construction wattage                   | 14.00 W    |
| Nominal voltage                        | 230 V      |
| Nominal current                        | 106 mA     |
| Operating frequency                    | 50...60 Hz |
| Mains frequency                        | 50...60 Hz |
| Power factor $\lambda$                 | > 0.5      |
| Claimed equiv. conventional lamp power | 100 W      |

### Photometrical data

|                                         |               |
|-----------------------------------------|---------------|
| Light color (designation)               | Warm White    |
| Lumen main.fact.at end of nom.life time | 0.70          |
| Standard deviation of color matching    | $\leq 6$ sdcn |
| Nominal luminous flux                   | 1521 lm       |
| Luminous flux                           | 1521 lm       |
| Luminous efficacy                       | 108 lm/W      |
| Color temperature                       | 2700 K        |
| Color rendering index Ra                | 80            |
| Flickering metric (Pst LM)              | 1.0           |
| Stroboscope effect metric (SVM)         | 0.9           |



### Light technical data

|               |         |
|---------------|---------|
| Beam angle    | 215 °   |
| Starting time | < 0.5 s |

### Dimensions & Weight

|                    |           |
|--------------------|-----------|
| Product weight     | 100.00 g  |
| Diameter           | 75.00 mm  |
| Length             | 141.50 mm |
| Width              | 75.00 mm  |
| Height             | 75.00 mm  |
| Outer bulb [PICOS] | A75       |

### Lifespan

|                                  |         |
|----------------------------------|---------|
| Lifespan                         | 15000 h |
| Lumen maintenance at end of serv | 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 | F 1)            |
| Energy consumption      | 14.00 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            |
| 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                                      | 0,9             |
| Displacement factor                                  | 0.70            |
| LED light source replaces a fluorescent light source | No              |
| EPREL ID                                             | 528203          |
| Model number                                         | AC33916,AC33916 |

## DOWNLOAD DATA

| DOWNLOAD DATA                                                                      |                            |
|------------------------------------------------------------------------------------|----------------------------|
|  | Declarations of conformity |
|  | Declarations of conformity |
|  | Installation guide         |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075485471 | Folding box<br>1             | 79 mm x 96 mm x 154 mm               | 201.00 g     | 1.17 dm <sup>3</sup> |

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075485488 | Shipping box<br>4            | 210 mm x 165 mm x 176 mm             | 986.00 g     | 6.10 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.

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## DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.