

# PRODUCT DATASHEET

## SMART+ WiFi Mini bulb 40 4.9 W/2700...6500 K E14

SMART+ WiFi Mini Bulb Multicolour | Classic mini 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
- 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 20,000 h



TECHNICAL DATA

Electrical data

|                                        |            |
|----------------------------------------|------------|
| Nominal wattage                        | 4.9 W      |
| Construction wattage                   | 4.90 W     |
| Nominal voltage                        | 230 V      |
| Nominal current                        | 45 mA      |
| Operating frequency                    | 50...60 Hz |
| Mains frequency                        | 50...60 Hz |
| Power factor $\lambda$                 | > 0.5      |
| Claimed equiv. conventional lamp power | 40 W       |

Photometrical data

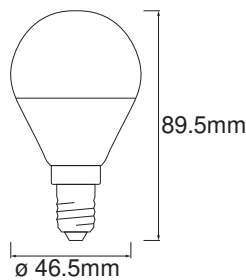
|                                         |                           |
|-----------------------------------------|---------------------------|
| Light color (designation)               | RGBW                      |
| Lumen main.fact.at end of nom.life time | 0.70                      |
| Standard deviation of color matching    | $\leq 6$ sdc <sub>m</sub> |
| Nominal luminous flux                   | 470 lm                    |
| Luminous flux                           | 470 lm                    |
| Luminous efficacy                       | 95 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)         | 0.9                       |



Light technical data

|               |         |
|---------------|---------|
| Beam angle    | 180 °   |
| Starting time | < 0.5 s |

Dimensions & Weight



|                    |          |
|--------------------|----------|
| Product weight     | 32.00 g  |
| Diameter           | 46.50 mm |
| Length             | 89.50 mm |
| Width              | 46.50 mm |
| Height             | 46.50 mm |
| Outer bulb [PICOS] | P46      |

Lifespan

|                                              |         |
|----------------------------------------------|---------|
| Lifespan                                     | 20000 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) | E14                                                                                                                                                                                                                                                                                                                                          |

Capabilities

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

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

### 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)  | E14        |
| 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                                        | 0.50       |
| 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                                  | 0.50       |
| LED light source replaces a fluorescent light source | No         |
| EPREL ID                                             | 528211     |
| Model number                                         | AC33924    |

### DOWNLOAD DATA

| Documents and certificates                                                        |                               |
|-----------------------------------------------------------------------------------|-------------------------------|
|   | Installation guide            |
|   | Declarations Of Conformity CE |
| Photometric and lighting design files                                             |                               |
|  | Spectral power distribution   |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075485631 | Folding box<br>1             | 61 mm x 96 mm x 154 mm               | 133.00 g     | 0.90 dm <sup>3</sup> |
| 4058075485648 | Shipping box<br>4            | 210 mm x 165 mm x 135 mm             | 656.00 g     | 4.68 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.

DISCLAIMER

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