# PRODUCT FAMILY DATASHEET
# SMART+ WiFi Candle Multicolour

## Classic candle 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

| Product description | Nominal wattage | Construction wattage | Nominal voltage | Nominal current | Operating frequency |
|---|---|---|---|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 4.9 W | 4.90 W | 230 V | 45 mA | 50...60 Hz |
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 4.9 W | 4.90 W | 230 V | 45 mA | 50...60 Hz |

| Product description | Mains frequency | Power factor λ | Claimed equiv. conventional lamp power |
|---|---|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 50...60 Hz | > 0.5 | 40 W |
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 50...60 Hz | > 0.50 | 40 W |

### Photometrical data

| Product description | Light color (designation) | Lumen main.fact.at end of nom.life time | Standard deviation of color matching | Nominal luminous flux | Luminous flux |
|---|---|---|---|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | RGBW | 0.70 | ≤6 sdcm | 470 lm | 470 lm |
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | RGBW | 0.70 | ≤6 sdcm | 470 lm | 470 lm |

| Product description | Luminous efficacy | Adjustable color temperature | Color temperature | Color rendering index Ra | Flickering metric (Pst LM) |
|---|---|---|---|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 95 lm/W | 2700...6500 K | 2700...6500 K | 80 | 1.0 |
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 95 lm/W | 2700...6500 K | 2700...6500 K | 80 | 1.0 |

| Product description | Stroboscope effect metric (SVM) |
|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 0.9 |
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 0.9 |

### Light technical data

| Product description | Beam angle | Starting time |
|---|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | SPHERE_360 | < 0.5 s |
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 200 ° | |

## Dimensions & Weight

| Product description | Product weight | Diameter | Length | Width (incl. round luminaires) |
|---|---|---|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 32.00 g | 37.50 mm | 107.00 mm | 37.50 mm |
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 32.00 g | 37.50 mm | 107.00 mm | 37.50 mm |

| Product description | Height (incl. round luminaires) | Outer bulb [PICOS] |
|---|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 37.50 mm | B40 |
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 37.50 mm | B40 |

## Lifespan

| Product description | Nominal lamp life time | Lumen maintenance at end of serv |
|---|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 20000 h | 0.70 |
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 20000 h | 0.70 |

## Colors & materials

| Product description | Housing color |
|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | White |
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | White |

## Temperatures & operating conditions

| Product description | Ambient temperature range |
|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | -20...+40 °C |
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | -20...+40 °C |

## Additional product data

| Product description | Mercury-free | Product remark | Base (standard designation) |
|---|---|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | Yes | 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 | E14 |

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|---|---|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | Yes | 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 | E14 |

## Capabilities

| Product description | Dimmable | Compatible smart home technology |
|---|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | Yes | Google Assistant / Amazon Alexa |
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | Yes | Google Assistant / Amazon Alexa |

## Certificates & Standards

| Product description | Energy efficiency class | Energy consumption | Standards | Type of protection |
|---|---|---|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | F[1] | 5.00 kWh/1000h | CE | IP20 |
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | F[1] | 5.00 kWh/1000h | CE | IP20 |

[1] Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

## Energy labellling regulation data acc EU 2019/2015

| Product description | Lighting technology used | Non-directional or directional | Mains or non-mains | Light source cap-type (or other electric interface) | Connected light source (CLS) |
|---|---|---|---|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | LED | NDLS | MLS | E14 | yes |
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | LED | NDLS | MLS | E14 | yes |

| Product description | Color-tuneable light source | Envelope | High luminance light source | Anti-glare shield | Correlated colour temperature type |
|---|---|---|---|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | yes | No | No | No | RANGE |
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | yes | No | No | No | RANGE |

| Product description | Standby power | Networked standby power for CLS | Claim of equivalent power | Chromaticity coordinate x | Chromaticity coordinate y |
|---|---|---|---|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 0.50 | 0.50 | Yes | 0.463 | 0.420 |

| Product description | Standby power | Networked standby power for CLS | Claim of equivalent power | Chromaticity coordinate x | Chromaticity coordinate y |
|---|---|---|---|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 0.50 | 0.50 | Yes | 0.463 | 0.420 |

| Product description | R9 Colour rendering index | Beam angle | Survival factor | Displacement factor | LED light source replaces a fluorescent light source |
|---|---|---|---|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 0.00 | SPHERE_360 | 0,9 | 0.50 | not applicable |
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 0.00 | SPHERE_360 | 0,9 | 0.50 | not applicable |

| Product description | EPREL ID | Model number |
|---|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 528208 | AC33921 |
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 528208,528208 | AC33921,AC33921 |

## APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

## SALES AND TECHNICAL SUPPORT

Sales and Technical Support www.ledvance.com

## COUNTRY SPECIFIC INFORMATION

| Product description | Product code | METEL-Code | SEG number | STK number | UK Org |
|---|---|---|---|---|---|
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 4058075485570 | - | 8296154 | 4736614 | - |
| SMART+ WiFi Candle 40 4.9 W/2700...6500 K E14 | 4058075485938 | - | - | - | - |

## DOWNLOAD DATA

| | DOWNLOAD DATA |
|---|---|
| PDF | Installation guide SMART+ WIFI INSTALLATION GUIDE |
| PDF | Installation guide SMART+ WIFI INSTALLATION GUIDE |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075485570 | Folding box 1 | 61 mm x 96 mm x 154 mm | 103.00 g | 0.90 dm³ |
| 4058075485938 | Folding box 3 | 67 mm x 130 mm x 204 mm | 245.00 g | 1.78 dm³ |

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.