

# PRODUCT DATASHEET

## SMART+ Wifi Spotlight Recess 86mm 36° RGB + TW

SMART RECESS DOWNLIGHT TW AND RGB | Smart recess downlight with integrated driver TW, RGB and dimmable



### Areas of application

- Indoor applications
- Corridors, entrance areas, stairwells, living rooms, basements
- Bedrooms
- Kitchens

### Product benefits

- TW and RGB
- Beam angle 36°, 100°, 110°

### Product features

- Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
- Controllable via voice control available: Google Assistant or Amazon Alexa
- Adjustable color temperature via Tunable White: 3,000...6,500 K
- Dimmable
- Network protocol: WiFi
- Housing material: plastic



## TECHNICAL DATA

### Electrical data

|   |                       |
|---|-----------------------|
| Nominal wattage   | 4.00 W                |
| Nominal voltage   | 220...240 V           |
| Mains frequency   | 50...60 Hz            |
| Nominal current   | 60.000 mA             |
| Inrush current  | 30 A                  |
| Inrush current time $T_{h50}$                               | 1500 $\mu$ s          |
| Max. number of luminaires per miniature circuit breaker C10 | -                     |
| Power factor $\lambda$                                      | > 0.5                 |
| Total harmonic distortion                                   | < 20 %                |
| Protection class  | II                    |
| Operating mode  | Integrated LED driver |

### Photometrical data

|  |                           |
|--|---------------------------|
| Luminous flux                                  | 400 lm                    |
| Total luminous flux of contained light sources | 420 lm                    |
| Luminous efficacy                              | 90 lm/W                   |
| Color temperature                              | 3000...6500 K             |
| Light color (designation)                      | Tunable White             |
| Color rendering index Ra                       | > 80                      |
| Standard deviation of color matching           | $\leq$ 6 sdc <sub>m</sub> |
| Photobiological safety group acc. to EN62778   | RG0                       |
| Photobiological safety group acc. to EN62471   | RG0                       |
| Beam angle                                     | 36 °                      |

### Dimensions & Weight

|                |          |
|----------------|----------|
| Diameter       | 86.00 mm |
| Height         | 48.00 mm |
| Product weight | 70.00 g  |

SMART WIFI SPOT

## Materials & Colors

|  |                             |
|--|-----------------------------|
| Product color                              | White                       |
| Housing color                              | White                       |
| Body material                              | Polypropylene (PP) polyamid |
| Cover material                             | Polystyrene (PS)            |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C                      |
| Mercury content                            | 0.0 mg                      |

## Application & Mounting

|  |                |
|--|----------------|
| Ambient temperature range              | -20...+40 °C   |
| Temperature range at storage           | -20...+70 °C   |
| Type of connection                     | Screw terminal |
| Type of protection                     | IP20           |
| Protection class IK (shock resistance) | IK03           |
| Dimmable                               | Yes            |
| Type of dimming                        | WiFi           |
| Mounting type                          | Recessed       |
| Mounting location                      | Ceiling        |
| Application environment                | Indoor         |
| Mounting diameter                      | 70,0 mm        |
| Mounting depth                         | 70,0 mm        |
| With light source                      | Yes            |

## Lifespan

|                            |         |
|----------------------------|---------|
| Lifespan L70/B50 at 25 °C  | 25000 h |
| Number of switching cycles | 15000   |

## Emergency lighting

|                                  |      |
|----------------------------------|------|
| Type of emergency operation test | None |
|----------------------------------|------|

## Certificates & Standards

|  |                 |
|--|-----------------|
| Standards  | CE / UKCA       |
| Luminaire with limited surface temperature, "D sign" | No              |
| Replaceable light source (EPREL)                     | Not replaceable |

## EQUIPMENT / ACCESSORIES





– For control via LEDVANCE SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)

- Complete mounting and connecting accessories included

### Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- The luminaires are not suitable for covering with thermally insulated material.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

### DOWNLOAD DATA

|   | Documents and certificates             | Document name                           |
|---|--|---|
|   | User instruction / safety instructions | SMART+ WIFI SPOTLIGHT RECESS            |
|   | Legal information                      | Legal insert Residential luminaires     |
|   | Declarations of conformity             | SMART WIFI DL SP SLIM                   |
|  | Declarations of conformity UKCA        | SMART WIFI AND SUNATHOME DOWNLIGHT SLIM |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075573291 | Folding box<br>1             | 97 mm x 97 mm x 68 mm                | 94.00 g      | 0.64 dm <sup>3</sup> |
| 4058075573307 | Shipping box<br>6            | 206 mm x 108 mm x 223 mm             | 1261.00 g    | 4.96 dm <sup>3</sup> |
| 4058075643024 | Shipping box<br>36           |                                      |              |                      |

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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