

# PRODUCT DATASHEET

## SMART+ MATTER LED Spot Recess GU10 Adjustable 4.7W RGBW Black

SMART+ MATTER LED Spot Recess GU10 | Recess with smart matter GU10 bulb included



---

### Areas of application

- Living areas (living rooms, dining rooms, bedrooms etc.)

---

### Product benefits

- Can be rotated and swiveled for optimum illumination
- Sustainable solution thanks to exchangeable light sources
- Through-wiring possible with included connector box
- Easy mounting

---

### Product features

- Controllable via SMART+ App (with minimum Android 8.0 or iOS 14.0) or any other Matter-compatible platforms
- Smart control for adjustable color temperature and RGB color control
- Adjustable swivel angle
- GU10 lamp included
- Through wiring possible
- Type of protection: IP20



TECHNICAL DATA

Electrical data

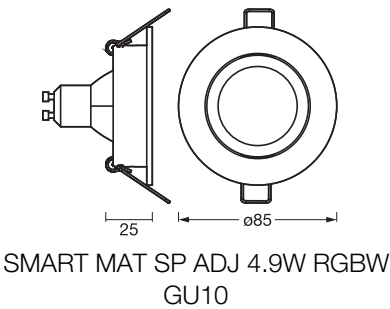
|                                                             |               |
|-------------------------------------------------------------|---------------|
| Nominal wattage                                             | 4.70 W        |
| Nominal voltage                                             | 220...240 V   |
| Mains frequency                                             | 50...60 Hz    |
| Nominal current                                             | 40.000 mA     |
| Max. number of luminaires per miniature circuit breaker B16 | 46            |
| Max. number of luminaires per miniature circuit breaker C16 | 68            |
| Power factor $\lambda$                                      | 0.50          |
| Total harmonic distortion                                   | < 150 %       |
| Protection class                                            | II            |
| Operating mode                                              | Mains voltage |

Photometrical data

|                                                |                    |
|------------------------------------------------|--------------------|
| Luminous flux                                  | 315 lm             |
| Total luminous flux of contained light sources | 350 lm             |
| Luminous efficacy                              | 51 lm/W            |
| Color temperature                              | 2700...6500 K      |
| Light color (designation)                      | Tunable White      |
| Color rendering index Ra                       | > 80               |
| Standard deviation of color matching           | 6 sdc <sub>m</sub> |
| Flickering metric (Pst LM)                     | ≤1                 |
| Stroboscope effect metric (SVM)                | <0.4               |
| Photobiological safety group acc. to EN62778   | RG1                |
| Beam angle                                     | 36 °               |

Dimensions & Weight

|                |          |
|----------------|----------|
| Diameter       | 85.00 mm |
| Height         | 58.00 mm |
| Product weight | 160.00 g |



Materials & Colors

|                                            |            |
|--------------------------------------------|------------|
| Product color                              | Sand black |
| Housing color                              | Sand black |
| Body material                              | Aluminum   |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C     |

Application & Mounting

|                              |                         |
|------------------------------|-------------------------|
| Ambient temperature range    | -20...+40 °C            |
| Temperature range at storage | -20...+80 °C            |
| Type of connection           | Terminal, 2-Pole (L, N) |
| Type of protection           | IP20/IP20               |
| Dimmable                     | No                      |
| Mounting type                | Recessed                |
| Mounting location            | Ceiling                 |
| Mounting diameter            | 68 mm                   |
| Mounting depth               | 100 mm                  |
| With light source            | Yes                     |
| Replaceable light source     | Yes                     |
| Holder designation           | GU10                    |

Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 20000 h <sup>1)</sup> |
| Number of switching cycles | 100000                |

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Emergency lighting

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

### Certificates & Standards

|                                                      |           |
|------------------------------------------------------|-----------|
| Standards                                            | CE / UKCA |
| Luminaire with limited surface temperature, "D sign" | No        |

### Additional product data

|                       |                             |
|-----------------------|-----------------------------|
| Product remark        | Available from October 2025 |
| Number of illuminants | 1                           |

### EQUIPMENT / ACCESSORIES

- GU10 Lamp holder + Connector Box

### Safety advice

- Luminaire must be disconnected from mains during installation, maintenance and cover removal
- Check wall-ceiling for suitability. If uncertain, seek professional advice.
- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

### DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name                            |
|------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------|
|  | User instruction / safety instructions | SMART MAT SP ADJ 4.7W RGBW GU10          |
|  | User instruction / safety instructions | Safety insert G11243081                  |
|  | Legal information                      | LI_G11261814_R                           |
|  | Declarations of conformity             | CE Declaration SMART MATTER Spotlights   |
|  | Declarations of conformity UKCA        | UKCA Declaration SMART MATTER Spotlights |
|  | EU Data Act                            | SMART MATTER Lamps Luminaires Plugs      |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume    |
|---------------|------------------------------|--------------------------------------|--------------|-----------|
| 4058075853751 | Folding box<br>1             | 83 mm x 110 mm x 103 mm              | 202.00 g     | 0.94 dm³  |
| 4058075853768 | Shipping box<br>20           | 437 mm x 237 mm x 234 mm             | 4507.00 g    | 24.24 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.

DISCLAIMER

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