

# PRODUCT DATASHEET

## Spot Essential 3x2.6W GU10 White

LED SPOT SET RECESS ESSENTIAL GU10 | Essential Recess ceiling light for basic user purpose with GU10 lamp included



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### Areas of application

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

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### Product benefits

- GU10 lamp included

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### Product features

- Set of 3 or 5 luminaires
- Housing material: metal



## TECHNICAL DATA

### Electrical data

|   |             |
|---|-------------|
| Nominal wattage   | 2.60 W      |
| Nominal voltage   | 220...240 V |
| Mains frequency   | 50...60 Hz  |
| Nominal current   | 25.000 mA   |
| Inrush current  | 0.3 A       |
| Inrush current time $T_{h50}$                               | 260 $\mu$ s |
| Max. number of luminaires per miniature circuit breaker B16 | 53          |
| Max. number of luminaires per miniature circuit breaker C10 | 53          |
| Max. number of luminaires per miniature circuit breaker C16 | 85          |
| Power factor $\lambda$                                      | > 0.4       |
| Total harmonic distortion                                   | < 20 %      |
| Protection class  | II          |

### Photometrical data

|  |                           |
|--|---------------------------|
| Luminous flux                                  | 230 lm                    |
| Total luminous flux of contained light sources | 230 lm                    |
| Luminous efficacy                              | 88 lm/W                   |
| Color temperature                              | 2700 K                    |
| Light color (designation)                      | Warm White                |
| Color rendering index Ra                       | $\geq 80$                 |
| Standard deviation of color matching           | $\leq 6$ sdc <sub>m</sub> |
| Luminous intensity                             | 400 cd                    |
| Flickering metric (Pst LM)                     | <1                        |
| Stroboscope effect metric (SVM)                | <0,4                      |
| Photobiological safety group acc. to EN62778   | RG1                       |
| Photobiological safety group acc. to EN62471   | RG1                       |
| Beam angle                                     | 36 °                      |

### Dimensions & Weight

|                |          |
|----------------|----------|
| Diameter       | 80.00 mm |
| Height         | 95.00 mm |
| Product weight | 130.00 g |

### Materials & Colors

|  |        |
|--|--------|
| Product color                              | White  |
| Housing color                              | White  |
| Body material                              | Steel  |
| Glow Wire Test according to IEC 60695-2-12 | 850 °C |
| Mercury content                            | 0.0 mg |

### Application & Mounting

|                              |                |
|------------------------------|----------------|
| Ambient temperature range    | -20...+40 °C   |
| Temperature range at storage | -20...+80 °C   |
| Type of connection           | Screw terminal |
| Type of protection           | IP20           |
| Dimmable                     | No             |
| Mounting type                | Recessed       |
| Mounting location            | Ceiling        |
| Application environment      | Indoor         |
| Mounting diameter            | 60,0 mm        |
| Mounting depth               | 140 mm         |
| Adjustable                   | No             |
| With light source            | Yes            |
| Holder designation           | GU10           |

### Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 25000 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)

### Certificates & Standards

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

### Additional product data

|                |                          |
|----------------|--------------------------|
| Product remark | Available from July 2023 |
|----------------|--------------------------|

|                       |   |
|-----------------------|---|
| Number of illuminants | 3 |
|-----------------------|---|

## EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included

## DOWNLOAD DATA

### Documents and certificates



User instruction



Packaging insert



Declarations Of Conformity CE



Declarations Of Conformity UKCA

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854103629 | Folding box<br>3             | 100 mm x 72 mm x 287 mm              | 455.00 g     | 2.07 dm <sup>3</sup>  |
| 4099854103636 | Shipping box<br>18           | 237 mm x 217 mm x 319 mm             | 3056.00 g    | 16.41 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.