

PRODUCT DATASHEET

Spot Essential 5x2.6W GU10 White

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



Areas of application

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

Product benefits

- GU10 lamp included

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 μ 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 λ | > 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 _m |
| 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 |

SP SET 3X2.6W 2700K 230V GU10

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 ¹⁾ |
| Number of switching cycles | 100000 |

¹⁾ 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

| | |
|-----------------------|---|
| Number of illuminants | 5 |
|-----------------------|---|





EQUIPMENT / ACCESSORIES

- 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 | UI SPOT Essential 827 GU10 |
|  | Legal information | SPOT ESSENTIAL SET 2.6W 827 GU10 |
|  | Declarations of conformity | SP SET |
|  | Declarations of conformity UKCA | SPOT ESSENTIAL SET |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854103667 | Folding box 5 | 80 mm x 190 mm x 250 mm | 752.00 g | 3.80 dm ³ |
| 4099854103674 | Shipping box 20 | 347 mm x 217 mm x 275 mm | 3436.00 g | 20.71 dm ³ |

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.