

PRODUCT DATASHEET

LED Spot Acrylic Frosted 6W 827 White

LED Spot Acrylic | Integrated LED Recess with clean or frosted acrylic shade



Areas of application

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

Product benefits

- Stylish and modern design
- Through-wiring possible with included connector box
- Easy mounting

Product features

- Recessed ceiling mounting
- Color temperature: 2,700 K
- Through wiring possible
- Type of protection: IP20



TECHNICAL DATA**Electrical data**

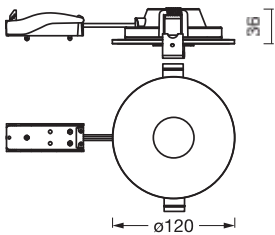
| | |
|---|---------------|
| Nominal wattage | 6.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 40.000 mA |
| Inrush current | 0.04 A |
| Inrush current time T_{h50} | 520 μ s |
| Max. number of luminaires per miniature circuit breaker B16 | 37 |
| Max. number of luminaires per miniature circuit breaker C10 | 37 |
| Max. number of luminaires per miniature circuit breaker C16 | 59 |
| Power factor λ | > 0.5 |
| Total harmonic distortion | 150 % |
| Protection class | II |
| Operating mode | Mains voltage |

Photometrical data

| | |
|--|--------------------|
| Luminous flux | 210 lm |
| Total luminous flux of contained light sources | 650 lm |
| Luminous efficacy | 35 lm/W |
| Color temperature | 2700 K |
| Light color (designation) | Warm White |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | 6 sdc _m |
| Flickering metric (Pst LM) | <1 |
| Stroboscope effect metric (SVM) | <0.4 |
| Photobiological safety group acc. to EN62778 | RG1 |
| Beam angle | 120 ° |

Dimensions & Weight

| | |
|----------------|-----------|
| Diameter | 120.00 mm |
| Height | 36.00 mm |
| Product weight | 170.00 g |



LED SPOT ACRYLIC 6W 830 WT

Materials & Colors

| | |
|--|------------------|
| Product color | White |
| Housing color | White |
| Body material | Polyamide |
| Cover material | Polystyrene (PS) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C |

Application & Mounting

| | |
|--|-------------------------|
| Ambient temperature range | -20...+40 °C |
| Temperature range at storage | -20...+70 °C |
| Type of connection | Terminal, 2-Pole (L, N) |
| Type of protection | IP20 |
| Protection class IK (shock resistance) | IK03 |
| Dimmable | No |
| Mounting type | Recessed |
| Mounting location | Ceiling |
| Application environment | Indoor |
| Mounting diameter | 100 mm |
| Mounting depth | 40 mm |
| With light source | Yes |
| Replaceable light source | No |

Lifespan

| | |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 25000 h ¹⁾ |
| Number of switching cycles | 12500 |

1) 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 |
| Replaceable light source (EPREL) | Not replaceable |

Additional product data

| | |
|----------------|-----------------------------|
| Product remark | Available from October 2025 |
|----------------|-----------------------------|

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.

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075854093 | Folding box 1 | 52 mm x 132 mm x 143 mm | 206.00 g | 0.98 dm ³ |
| 4058075854109 | Shipping box 20 | 282 mm x 278 mm x 310 mm | 4671.00 g | 24.30 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.