

PRODUCT DATASHEET

LED Mini Spot Set 6W 830 120° Satin Nickel

LED Mini Spot Set | 5 Mini LED Spots



Areas of application

- Bathrooms
- Workshops, garages, covered outdoor storage areas
- Living areas (living rooms, dining rooms, bedrooms etc.)

Product benefits

- Spotlights for Undercabinet illumination
- Easy mounting

Product features

- Recessed ceiling mounting
- Color temperature: 3,000 K
- Type of protection, front side: IP44



TECHNICAL DATA**Electrical data**

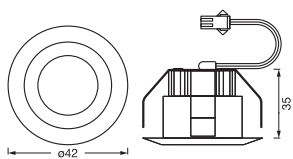
| | |
|---|---------------|
| Nominal wattage | 6.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 32.000 mA |
| Inrush current | 0.032 A |
| Inrush current time T_{h50} | 14 μ s |
| Max. number of luminaires per miniature circuit breaker B16 | 24 |
| Max. number of luminaires per miniature circuit breaker C10 | 19 |
| Max. number of luminaires per miniature circuit breaker C16 | 31 |
| Power factor λ | > 0.7 |
| Total harmonic distortion | < 55 % |
| Protection class | II |
| Operating mode | Mains voltage |

Photometrical data

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|--|--------------------|
| Luminous flux | 480 lm |
| Total luminous flux of contained light sources | 550 lm |
| Luminous efficacy | 80 lm/W |
| Color temperature | 3000 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 | RG0 |
| Beam angle | 20 ° |

Dimensions & Weight

| | |
|----------------|----------|
| Diameter | 42.00 mm |
| Height | 35.00 mm |
| Product weight | 210.00 g |



LED 5XSPOT MINI 6W 830

Materials & Colors

| | |
|--|-------------------------------|
| Product color | Satin Nickel |
| Housing color | Satin Nickel |
| Body material | Aluminum |
| Cover material | Polymethylmethacrylate (PMMA) |
| 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 |
| Dimmable | No |
| Mounting type | Recessed |
| Mounting location | Ceiling |
| Application environment | Indoor |
| Mounting diameter | 30.00 mm |
| Mounting depth | 35 mm |
| With light source | Yes |
| Replaceable light source | No |

Lifespan

| | |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 30000 h ¹⁾ |
| Number of switching cycles | 10000 |

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

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|--|-----------------|
| 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 |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854596353 | Folding box 1 | 65 mm x 140 mm x 141 mm | 252.00 g | 1.28 dm ³ |
| 4099854596360 | Shipping box 8 | 306 mm x 282 mm x 173 mm | 2415.00 g | 14.93 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.