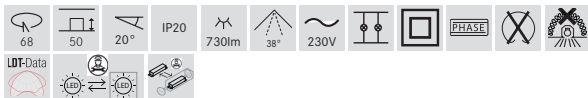
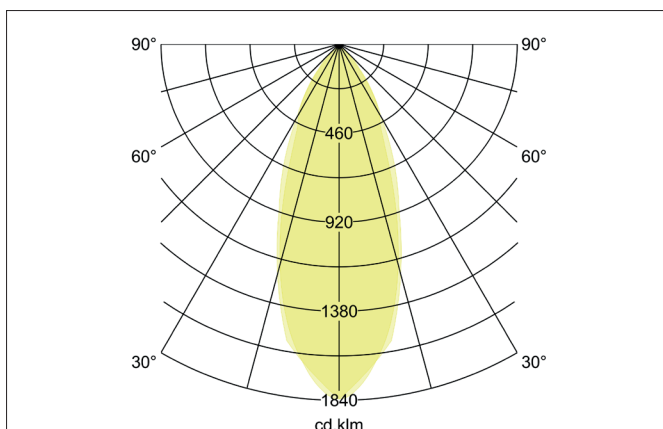
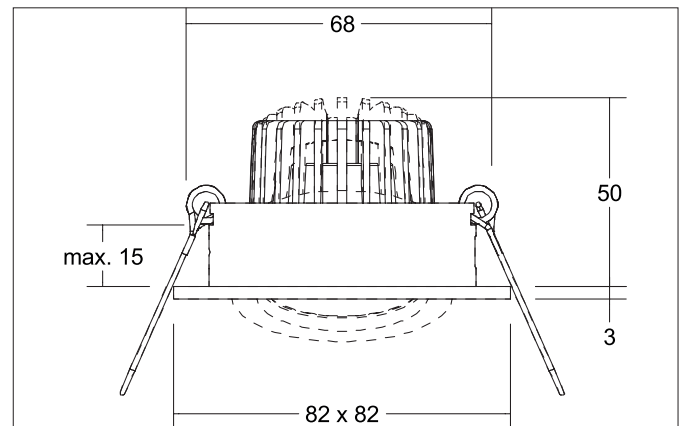
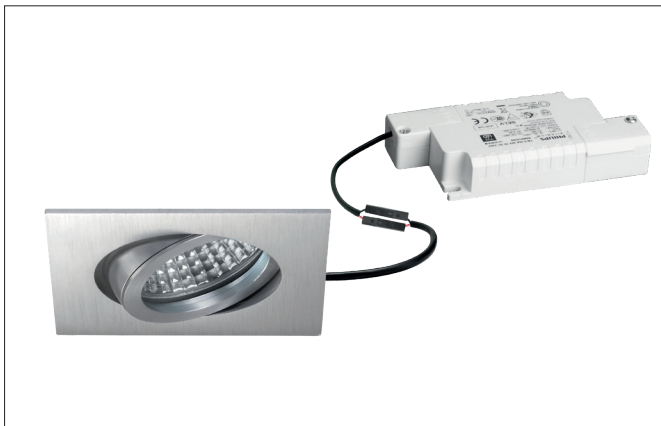



TIRREL-S LED recessed spot set, trailing-edge phase dimmable

Article no. 39144253


Tender

Square LED recessed spotlight set, trailing edge dimmable, tool-free ceiling installation using installation springs. Ceiling cut-out Ø 68 mm, installation depth 50 mm, length 82 mm, width 82 mm, weight 0.176 kg, silver reflector with rotationally symmetrical deep-wide beam light distribution. Cover glass transparent, rated luminous flux 730 lm, rated wattage 1 x 6 W, light color warm white, most similar color temperature (CCT) 3,000 K, general color rendering index CRI > 80, service life L70/B50 at 25 °C: 30,000 h, housing material: aluminum / glass / plastic, color: aluminum matt, permissible ambient temperature (ta): -20 °C - +25 °C, protection class (EN 61140): II, degree of protection (DIN EN 60529): IP20. With electronic control gear, trailing edge dimmable.

Product Benefits

- LED-Einbaustrahler in quadratischer Bauform aus massivem Aluminium mit LED-Modul 6 W (3.000 K) und dimmbarem Konverter Phasenabschnitt.
- Deckenausschnitt 68 mm, Durchmesser 82 mm, Einbautiefe 50 mm, IP20.
- Schwenkbereich 20°.
- Große Farbvarianz. Ohne sichtbaren Sprengring.
- Klassische, formal zurückgenommene Formgebung.
- In gleicher Optik auch in GX5,3- oder GU10-Ausführung und als dimmbares Set DALI und als Lautsprecher ausgeführt lieferbar.
- Zudem in gleicher Oberflächenstruktur und in gleicher Farbe auch in Ausführung rund verfügbar.


TIRREL-S LED recessed spot set, trailing-edge phase dimmable

Article no. 39144253

| Article data | |
|--------------------|---|
| Article no. | 39144253 |
| GTIN | 4251433950509 |
| Series name | TIRREL-S |
| Short description | LED recessed spot set, trailing-edge phase dimmable |
| Material | Aluminium / Glass / Plastic |
| Colour | aluminum matt |
| Type of surface | Matt |
| Shape | Square |
| Length | 82 mm |
| Width | 82 mm |
| Built-in diameter | 68 mm |
| Installation depth | 50 mm |
| Hight | 3 mm |
| Weight | 0.176 kg |
| Conformance | CE, UKCA |

| Lighting technology | |
|------------------------------|-----------|
| Colour temperature | 3.000 K |
| Light colour | white |
| Light output | Direct |
| Luminous flux | 730 lm |
| System efficiency | 122 lm/W |
| Colour rendering | CRI > 80 |
| Reflector | Faceted |
| Reflector colour | silver |
| Beam angle | 38° |
| Light sharing | Symmetric |
| Adjustable color temperature | No |

| Operating technology of the luminaire | |
|---------------------------------------|--|
| System output | 6 W |
| Voltage type | AC |
| AC nominal voltage max | 230 V |
| Frequency max | 50 Hz |
| Lamp | LED |
| Protection class | II |
| Degree of protection | IP20 |
| Dimmable | Yes |
| Control | Trailing-edge phase |
| Bulb change possible | The light source of this luminaire may only be replaced by the manufacturer or a service technician commissioned by him or a similarly qualified person. |
| Rated life time L70/B50 at 25 °C | 30,000 h |
| Energy efficiency class | nicht erforderlich |


TIRREL-S LED recessed spot set, trailing-edge phase dimmable

Article no. 39144253

| Operating technology of the luminaire | |
|---------------------------------------|--|
| Article No. of used light source | 12924383 |
| Hight | 32 mm |
| Diameter | 50 mm |
| Lamp holder | Plug&Play |
| Power | 6 W |
| Voltage type | DC |
| Current | 350 mA |
| Lamp | LED |
| Protection class | III |
| Degree of protection | IP20 |
| Energy efficiency class | D |
| Bulb change possible | The light source of this luminaire may only be replaced by the manufacturer or a service technician commissioned by him or a similarly qualified person. |

| Operating technology of driver | |
|--------------------------------|---------------------|
| Article No. of used driver | 17663000 |
| Length | 110 mm |
| Width | 50 mm |
| Hight | 19 mm |
| AC nominal voltage min | 198 V |
| AC nominal voltage max | 264 V |
| Frequency max | 60 Hz |
| Dimmable | Yes |
| Control | Trailing-edge phase |
| Starting current | 1 A, 15,2 µs |
| Power min | 2.8 W |
| Power | 7 W |
| Output current | 350 mA |
| Degree of protection | IP20 |
| Protection class | II |
| Flicker-free | Yes |

| Operating technology of driver | |
|--------------------------------|---------------------|
| AC nominal voltage max | 230 V |
| Frequency max | 50 Hz |
| Protection class | II |
| Degree of protection | IP20 |
| Power | 6 W |
| Control | Trailing-edge phase |

| Mounting technology | |
|-----------------------------|---|
| Mounting method | Recessed mounting |
| Place of installation | Ceiling-mounted |
| Adjustability | Pivoted |
| Swivel angle | 20° |
| Max. ceiling thickness | 15 mm |
| Further references | No cover with thermal insulation material |
| Material cover | Glass transparent |
| Circlip | Without circlip |
| Suitable for through-wiring | Yes, with optional accessories |

**TIRREL-S LED recessed spot set, trailing-edge phase dimmable**
Article no. 39144253

| Packing data | |
|-------------------------|--|
| Gross weight | 0.25 kg |
| Length of packaging | 100 mm |
| Packaging width | 100 mm |
| Packaging height | 100 mm |
| Disposal at end of life | <p>This product must not be disposed of with household waste. You are obliged, to dispose of such electrical waste separately.</p> <p>By disposing of electrical waste and other old or defective electronics separately, you support recycling or other forms of re-use. In that way you help to take care and to avoid that harmful substances get into the environment.</p> |

| Optional accessories | |
|--|--|
| Article no.: 83330000 Connection box 230 V AC, 3-pole | |
| Dimensions: 80 mm x 41 mm x 34 mm https://www.brumberg.com/fileadmin/products/Datenblatt_83330000_2021_DE.pdf | |