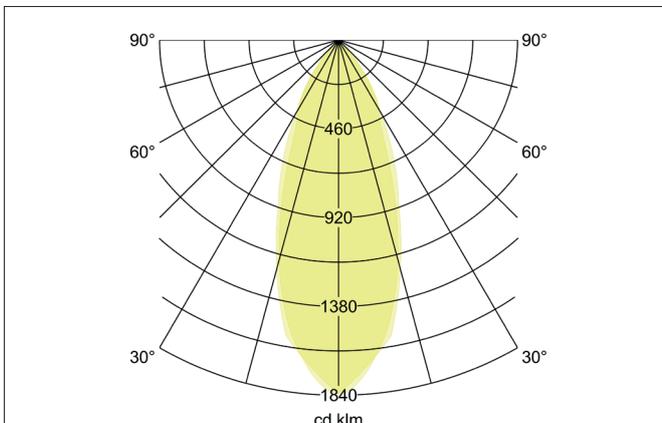
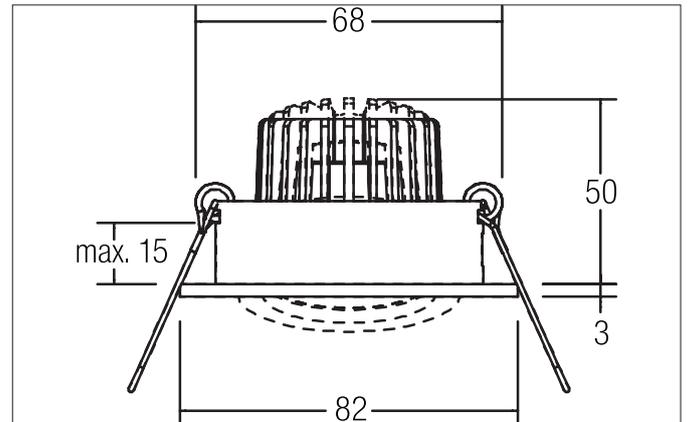


TIRREL-R LED recessed spot set, on/off

Article no. 38143253


Tender

Round LED recessed spotlight set, switchable, tool-free ceiling installation using installation springs. Ceiling cut-out \varnothing 68 mm, installation depth 50 mm, outer diameter 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, housing material: aluminum / glass / plastic, color: aluminum, permissible ambient temperature (ta): -20 °C - +25 °C, protection class (EN 61140): II, degree of protection (DIN EN 60529): IP20. With electronic control gear, switchable.

Product Benefits

- LED recessed spot in round design made of solid aluminum.
with LED module 6 W (3,000 K) and switchable converter.
- Ceiling cutout 68 mm, diameter 82 mm, installation depth 50 mm, IP20.
- Pivoting range 25°.
- Large color variation. Without visible snap ring.
- Classic, formally restrained design.
- In the same look also in GX5.3 or GU10 version and as a dimmable set (trailing-edge phase or DALI) and as a loudspeaker.
- In addition, in the same surface structure and in the same color also available in square version.

TIRREL-R LED recessed spot set, on/off

Article no. 38143253

| Article data | |
|--------------------|-------------------------------|
| Article no. | 38143253 |
| GTIN | 4251433906667 |
| Series name | TIRREL-R |
| Short description | LED recessed spot set, on/off |
| Material | Aluminium / Glass / Plastic |
| Colour | Alu |
| Type of surface | Matt |
| Shape | Round |
| Outer diameter | 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 | |
|---------------------------------------|------------------------|
| Article No. of used light source | 12924383 |
| Hight | 3 mm |
| Lamp holder | GX5.3 |
| Power | 13 W |
| Voltage type | AC/DC |
| Maximum nominal voltage | 12.00 V |
| Lamp | For LED-retrofill lamp |
| Protection class | III |
| Degree of protection | IP20 |
| Bulb change possible | Yes |

| Operating technology of driver | |
|--------------------------------|-------------|
| Article No. of used driver | 17662000 |
| Length | 68 mm |
| Width | 35 mm |
| Hight | 21 mm |
| AC nominal voltage min | 90 V |
| AC nominal voltage max | 264 V |
| Frequency max | 60 Hz |
| Dimmable | No |
| Control | on/off |
| Starting current | 10 A, 10 ms |
| Power min | 1 W |
| Power | 7.2 W |
| Output current | 350 mA |
| Degree of protection | IP20 |
| Protection class | II |
| Flicker-free | Yes |

TIRREL-R LED recessed spot set, on/off

Article no. 38143253

| 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 |

| Packing data | |
|-------------------------|---|
| Gross weight | 0.25 kg |
| Length of packaging | 95 mm |
| Packaging width | 75 mm |
| Packaging height | 95 mm |
| Disposal at end of life | This product must not be disposed of with household waste. You are obliged, to dispose of such electrical waste separately. 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. |

| Optional accessories | |
|---|--|
| Article no.: 81201250 Reducing ring D 110 mm, for luminaire cut-out size 68 mm | https://www.brumberg.com/fileadmin/products/Datenblatt_81201250_2021_DE.pdf |
| Article no.: 81202250 Reducing ring D 130 mm, for luminaire cut-out size 68 mm | https://www.brumberg.com/fileadmin/products/Datenblatt_81202250_2021_DE.pdf |
| Article no.: 81203250 Reducing ring D 145 mm, for luminaire cut-out size 68 mm | https://www.brumberg.com/fileadmin/products/Datenblatt_81203250_2021_DE.pdf |
| 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 |