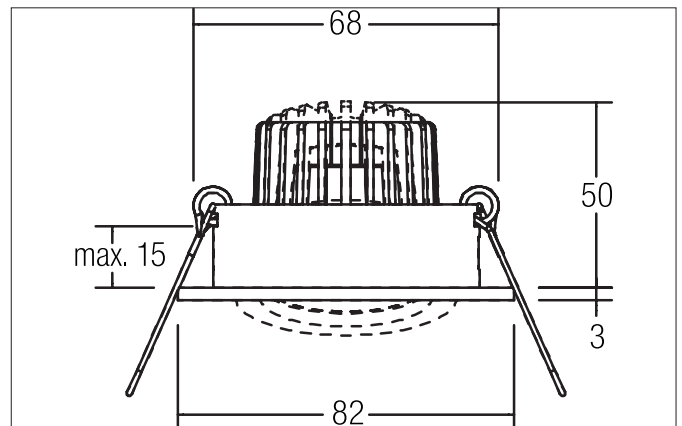



**TIRREL-R LED recessed spot set, on/off**

Article no. 38143123


**Tender**

Round LED recessed spotlight set, switchable, tool-free ceiling installation using installation springs. Ceiling cut-out Ø 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: beige structure, 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-Einbaustrahler in runder Bauform aus massivem Aluminium mit LED-Modul 6 W (3.000 K) und schaltbarem Konverter.
- 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 (Phasenabschnitt oder DALI) und als Lautsprecher ausgeführt lieferbar.
- Zudem in gleicher Oberflächenstruktur und in gleicher Farbe auch in Ausführung quadratisch verfügbar.


**TIRREL-R LED recessed spot set, on/off**

Article no. 38143123

| Article data       |                               |
|--------------------|-------------------------------|
| Article no.        | 38143123                      |
| GTIN               | 4255752524953                 |
| Series name        | TIRREL-R                      |
| Short description  | LED recessed spot set, on/off |
| Material           | Aluminium / Glass / Plastic   |
| Colour             | beige structure               |
| Type of surface    | Structure                     |
| 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                                 | 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. |


**TIRREL-R LED recessed spot set, on/off**

Article no. 38143123

| 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               | 40 A, 50 µs |
| Power min                      | 1 W         |
| Power                          | 7.2 W       |
| Output current                 | 350 mA      |
| Degree of protection           | IP20        |
| Protection class               | II          |
| Flicker-free                   | Yes         |

| 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 hight         | 95 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: 85 mm x 35 mm x 30 mm                                                                                                                                     |  |
| <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_83330000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_83330000_2021_DE.pdf</a> |  |