

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

Article no. 38143083

Light.  
For Generations.**Tender**

LED recessed spot set, on/off, Round. Toolless ceiling installation by installation springs. Ceiling cut-out  $\varnothing$  68 mm, Installation depth 50 mm, Outer diameter 82 mm, Weight 0,176 kg, Reflector silver with rotationssymmetrical, deep, wide distributed light intensity. optimal light distribution due to a glass transparent cover. Luminous flux 680 lm, Power 1 x 6 W, System Efficiency 113 lm/W, Light colour warm white, Correlated color temprature (CCT) 3.000 K, Colour rendering index CRI > 80, Housing material: Aluminium / Glass / Plastic, Colour: Black, Permissible ambient temperature (ta): -20 °C - +25 °C, Protection class (EN 61140): II, Degree of protection (DIN EN 60529): IP20. With electronic driver, on/off 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.

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| Article data       |                               |
|--------------------|-------------------------------|
| Article no.        | 38143083                      |
| GTIN               | 4251433928072                 |
| Series name        | TIRREL-R                      |
| Short description  | LED recessed spot set, on/off |
| Material           | Aluminium / Glass / Plastic   |
| Colour             | Black                         |
| 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                      |

| Lighting technology |            |
|---------------------|------------|
| Colour temperature  | 3.000 K    |
| Light colour        | White      |
| Light output        | Direct     |
| Luminous flux       | 680 lm     |
| System efficiency   | 113 lm/W   |
| Colour rendering    | CRI > 80   |
| Reflector           | High-gloss |
| Reflektorfarbe      | silver     |
| Beam angle          | 38°        |
| Light sharing       | Symmetric  |

| Operating technology of the luminaire |           |
|---------------------------------------|-----------|
| Lamp holder                           | Plug&Play |
| Power                                 | 6 W       |
| Voltage type                          | DC        |
| Current                               | 350 mA    |
| Lamp                                  | LED       |
| Protection class                      | III       |
| Degree of protection                  | IP20      |
| Bulb change possible                  | Yes       |

| Operating technology of driver |                  |
|--------------------------------|------------------|
| Length                         | 68 mm            |
| Length                         | 68 mm            |
| Width                          | 35 mm            |
| Width                          | 35 mm            |
| Hight                          | 21 mm            |
| Hight                          | 21 mm            |
| AC nominal voltage min         | 220 V            |
| AC nominal voltage max         | 240 V            |
| Frequenz max.                  | 50 Hz            |
| Frequenz max.                  | 50 Hz            |
| Dimmable                       | No               |
| Control                        | on/off           |
| Starting current               | 10 A (max. 10ms) |
| Power min                      | 1 W              |
| Power                          | 7.2 W            |
| Current                        | 350 mA           |
| Degree of protection           | IP20             |
| Protection class               | II               |
| Flickerfrei                    | Yes              |

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| 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.<br>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. |