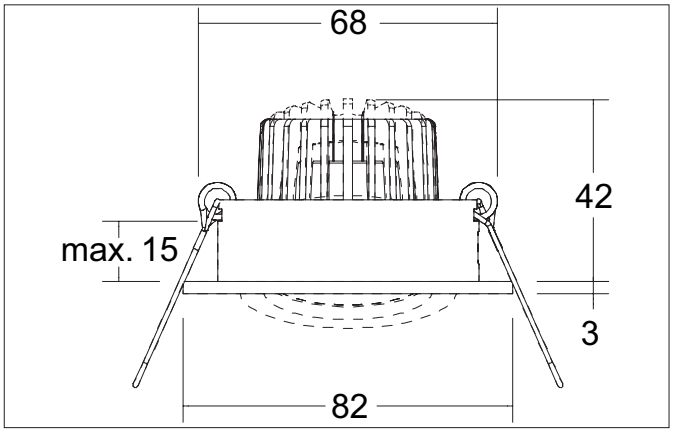
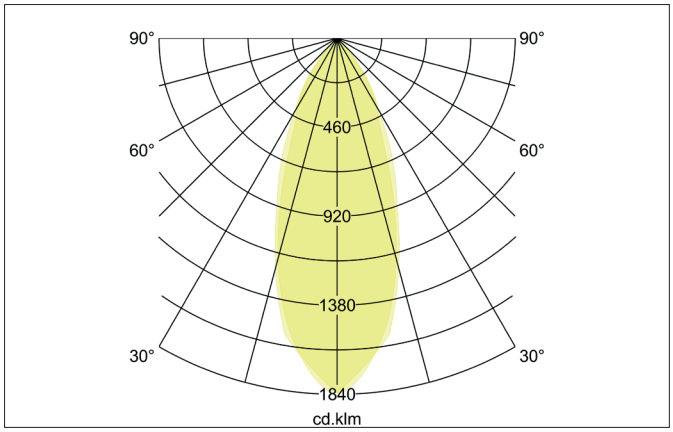
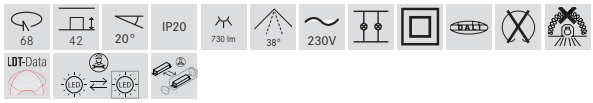
TIRREL-R LED recessed spot set, DALI dimmable, incl. connection box

Article no. 41443123







Tender

LED recessed spot set, DALI dimmable, incl. connection box, Round.Toolless ceiling installation by installation springs. Ceiling cut-out Ø 68 mm, Installation depth 42 mm, Outer diameter 82 mm, Weight 0,277 kg, Reflector silver with rotattionssymmetrical, deep, wide distributed light intensity. Cover glass transparentLuminous flux 730 lm, Power 1 x 6 W, Light colour warm white, Correlated color temprature (CCT) 3.000 K, Colour rendering index CRI > 80, Rated life time L70/B50 at 25 °C: 30.000 h, Housing material: Aluminium / Glass / Plastic, Colour: sand beige structure, Permissible ambient temperature (ta): -20 °C up to +25 °C, Protection class (EN 61140): II, Degree of protection (DIN EN 60529): IP20. With electronic driver, DALI-2 dimmable.

Product Benefits

- LED recessed spotlight in round design made of solid aluminum with LED module 6 W (3.000 K) and dimmable DALI converter WITHOUT glow-in-the-dark effect.
- Ceiling cut-out 68 mm, diameter 82 mm, installation depth 50 mm, IP20.
- Swivel range 25°.
- Large color variation. Without visible snap ring.
- Classic, formally restrained design.
- In the same optics also in GX5.3 or GU10 version and as a dimmable Set phase section or DALI and as a loudspeaker version.
- In addition, in the same surface structure and in the same color also available in square version.

All technical data as well as, weight and measurements are based on rated values and had been carefully prepared. We reserve the right to make technical changes which are are important in progressing. Product pictures are examples and can vary from the original. Subject to errors.
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TIRREL-R LED recessed spot set, DALI dimmable, incl. connection box

Article no. 41443123

Article data	
Article no.	41443123
GTIN	4255752525011
Series name	TIRREL-R
Short description	LED recessed spot set, DALI dimmable, incl. connection box
Material	Aluminium / Glass / Plastic
Colour	sand beige structure
Type of surface	Structure
Shape	Round
Outer diameter	82 mm
Built-in diameter min.	67 mm
Built-in diameter max.	68 mm
Installation depth	42 mm
Hight	3 mm
Scope of delivery	incl. connection box, 5-pin
Weight	0.277 kg
D licence plate	No
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	DALI-2
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	not required

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Article no. 41443123

Operating technology of the light source	
Article No. of used light source	12924383
Hight	32 mm
Outer diameter	51 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	17684020
Length	130 mm
Width	42 mm
Hight	22 mm
AC nominal voltage min	198 V
AC nominal voltage max	264 V
Frequency max	63 Hz
Dimmable	Yes
Control	DALI-2/PUSH
Starting current	1 A, 15,2 µs
Power	2.8 W
Power	7 W
Output current up to	350 mA
Degree of protection	IP20
Protection class	II
Flicker-free	Yes
stamp	ENEC 05 EL

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
Cover	Glass transparent
Circlip	Without circlip
Suitable for through-wiring	Yes

Packing data	
Gross weight	0.345 kg
Length of packaging	100 mm
Packaging width	100 mm
Packaging hight	100 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.

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Optional accessories
Article no.: 5327 Leaf spring set (2 pieces) https://www.brumberg.com/fileadmin/products/Datenblatt_00532700_2021_DE.pdf

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