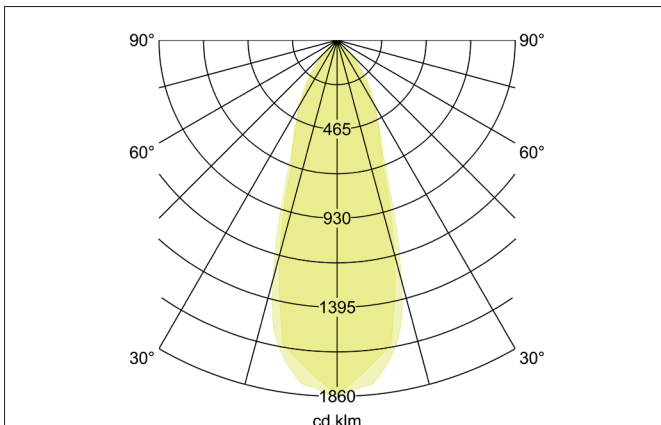
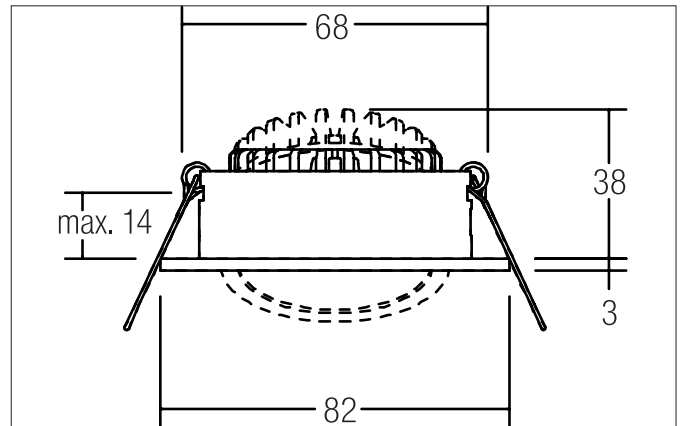



LAKIL-R LED recessed spot, dim2warm

Article no. 12461083


Tender

LED recessed spot, dim2warm, Round. Toolless ceiling installation by installation springs. Ceiling cut-out \varnothing 68 mm, Installation depth 38 mm, Outer diameter 82 mm, Weight 0,111 kg, Reflector silver with rotationssymmetrical, deep, wide distributed light intensity. Cover plastic, transparent Luminous flux 28 - 470 lm, Power 1 x 6 W, Light colour warm white to warm white, Correlated color temperature (CCT) 3.000 K - 1.800 K, Colour rendering index CRI > 90, Rated life time L80/B20 at 25 °C: 50.000 h, Housing material: Aluminium / Polycarbonate, Colour: black matt, Permissible ambient temperature (ta): -20 °C up to +25 °C, Protection class (EN 61140): III, Degree of protection (DIN EN 60529): IP20. For connection to an external driver, which is not included in the scope of delivery of the luminaire. Depending on driver dimmable.

Product Benefits

- Round recessed spotlight made of solid aluminum with polycarbonate cover.
- Easy and tool-free mounting.
- CRI > 80.
- Low mounting depth 38 mm, diameter 82 mm, Ceiling cut-out 68 mm.
- Ceiling thickness maximum 14 mm.
- Version dim2warm (when the luminaire is dimmed, the color temperature is reduced from 3,000 K to a minimum of 1,800 K).
- Power supply with 350 mA.
- Also available as dimmable (trailing-edge phase dimmer) set.
- Alternatively available in square design.


LAKIL-R LED recessed spot, dim2warm

Article no. 12461083

Article data	
Article no.	12461083
GTIN	4255752501398
Series name	LAKIL-R
Short description	LED recessed spot, dim2warm
Material	Aluminium / Polycarbonate
Colour	black matt
Type of surface	Matt
Shape	Round
Outer diameter	82 mm
Built-in diameter min.	68 mm
Built-in diameter max.	68 mm
Installation depth	38 mm
Hight	3 mm
Weight	0.111 kg
D licence plate	No
Conformance	CE, UKCA

Lighting technology	
Colour temperature	3.000 K - 1.800 K
Light colour	white
Color Temperature 1	3,000 K
Color Temperature 2	1,800 K
Light output	Direct
Luminous flux	28 - 470 lm
Luminous flux 1	470 lm
Luminous flux 2	28 lm
System efficiency	78 lm/W
Colour rendering	CRI > 90
Reflector	Faceted
Reflector colour	silver
Beam angle	38°
Light sharing	Symmetric
Adjustable color temperature	Infinite control

Operating technology of the luminaire	
Voltage type	DC
Current	350 mA
Lamp	LED
Lamp holder	Plug&Play
Protection class	III
Degree of protection	IP20
Dimmable	Depending on type of control gear
Control	Depending on driver
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 L80/B20 at 25 °C	50.000 h
Energy efficiency class	not required

Mounting technology	
Mounting method	Recessed mounting
Place of installation	Ceiling-mounted
Adjustability	Pivoted
Swivel angle	30°
Max. ceiling thickness	14 mm
Further references	No cover with thermal insulation material
Material cover	Plastic, transparent
Suitable for through-wiring	Yes, with optional accessories

**LAKIL-R LED recessed spot, dim2warm**
Article no. 12461083

Packing data	
Gross weight	0.131 kg
Length of packaging	85 mm
Packaging width	43 mm
Packaging height	85 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>


LAKIL-R LED recessed spot, dim2warm

Article no. 12461083

Required accessories
Article no.: 17663000 LED converter 350 mA, trailing-edge phase dimmable Power: 2,8 - 7 W, Plug&Play Dimensions: 110 mm x 50 mm x 19 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17663000_2021_DE.pdf
Article no.: 17663020 LED converter 350 mA, trailing-edge phase dimmable Power: 2,8 - 7 W, Plug&Play + Anschlussbox Dimensions: 110 mm x 50 mm x 19 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17663020_2021_DE.pdf
Article no.: 17652000 LED-round converter 350 mA, trailing-edge phase dimmer Power: 4,9 - 7 W, Plug&Play Dimensions: 51 mm x 24 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17652000_2021_DE.pdf
Article no.: 17652020 LED-round converter 350 mA, trailing-edge phase dimmer Power: 4,9 - 7 W, Plug&Play + Anschlussbox Dimensions: 51 mm x 24 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17652020_2021_DE.pdf
Article no.: 17640000 LED converter 350 mA, trailing-edge phase dimmable Power: 4,2 - 10 W, Plug&Play Dimensions: 102 mm x 38 mm x 21 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17640000_2021_DE.pdf
Article no.: 17640020 LED converter 350 mA, trailing-edge phase dimmable Power: 4,2 - 10 W, Plug&Play + Anschlussbox Dimensions: 102 mm x 38 mm x 21 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17640020_2021_DE.pdf
Article no.: 17657000 LED converter 350 mA, 1-10 V dimmable (analog) Power: 5,2 - 18 W, Plug&Play Dimensions: 110 mm x 52 mm x 22 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17657000_2021_DE.pdf
Article no.: 17684000 LED converter 350 mA, DALI dimmable (digital) Power: 2,8 - 7 W, Plug&Play Dimensions: 130 mm x 42 mm x 22 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17684000_2021_DE.pdf
Article no.: 17684020 LED converter 350 mA, DALI dimmable (digital) Power: 2,8 - 7 W, Plug&Play + Anschlussbox Dimensions: 130 mm x 42 mm x 22 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17684020_2021_DE.pdf
Article no.: 17658000 LED round converter 350 mA, DALI dimmable (digital) Power: 2,1 - 9 W, Plug&Play Dimensions: 56 mm x 25 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17658000_2021_DE.pdf


LAKIL-R LED recessed spot, dim2warm

Article no. 12461083

Required accessories
Article no.: 17658020 LED round converter 350 mA, DALI dimmable (digital) Power: 2,1 - 9 W, Plug&Play + Anschlussbox Dimensions: 56 mm x 25 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17658020_2021_DE.pdf
Article no.: 17683000 LED converter 350 mA, DALI dimmable (digital) Power: 3,5 - 17 W, Plug&Play Dimensions: 110.5 mm x 52 mm x 22 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17683000_2021_DE.pdf
Article no.: 17683020 LED converter 350 mA, DALI dimmable (digital) Power: 3,5 - 17 W, Plug&Play + Anschlussbox Dimensions: 110.5 mm x 52 mm x 22 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17683020_2021_DE.pdf
Article no.: 17682000 LED converter 350 mA, DALI dimmable (digital) Power: 1,8 - 18,5 W, Plug&Play Dimensions: 146.5 mm x 43.5 mm x 22 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17682000_2021_DE.pdf
Article no.: 17682020 LED converter 350 mA, DALI dimmable (digital) Power: 1,8 - 18,5 W, Plug&Play + Anschlussbox Dimensions: 146.5 mm x 43.5 mm x 22 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17682020_2021_DE.pdf
Article no.: 17671000 LED converter 350mA, ZigBee dimmable Power: 3,5 - 18,5 W, Plug&Play Dimensions: 146.5 mm x 44 mm x 30 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17671000_2021_DE.pdf
Article no.: 17671020 LED converter 350mA, ZigBee dimmable Power: 3,5 - 18,5 W, Plug&Play + Anschlussbox Dimensions: 146.5 mm x 44 mm x 30 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17671020_2021_DE.pdf
Article no.: 17672000 LED converter 350mA, Casambi dimmable Power: 3,5 - 18,5 W, Plug&Play Dimensions: 146.5 mm x 44 mm x 30 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17672000_2021_DE.pdf
Article no.: 17672020 LED converter 350mA, Casambi dimmable Power: 3,5 - 18,5 W, Plug&Play + Anschlussbox Dimensions: 146.5 mm x 44 mm x 30 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17672020_2021_DE.pdf


LAKIL-R LED recessed spot, dim2warm

Article no. 12461083

Optional accessories
Article no.: 81201080 Reducing ring D 110 mm, for luminaire cut-out size 68 mm Dimensions: 110 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81201080_2021_DE.pdf
Article no.: 81202080 Reducing ring D 130 mm, for luminaire cut-out size 68 mm Dimensions: 130 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81202080_2021_DE.pdf
Article no.: 81203080 Reducing ring D 145 mm, for luminaire cut-out size 68 mm Dimensions: 145 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81203080_2021_DE.pdf
Article no.: 3835 Plug & Play extension lead 350 mA Dimensions: 500 mm https://www.brumberg.com/fileadmin/products/Datenblatt_00003835_2021_DE.pdf
Article no.: 3836 Plug & Play extension lead 350 mA Dimensions: 1,000 mm https://www.brumberg.com/fileadmin/products/Datenblatt_00003836_2021_DE.pdf
Article no.: 3837 Plug & Play extension lead 350 mA Dimensions: 2,000 mm https://www.brumberg.com/fileadmin/products/Datenblatt_00003837_2021_DE.pdf