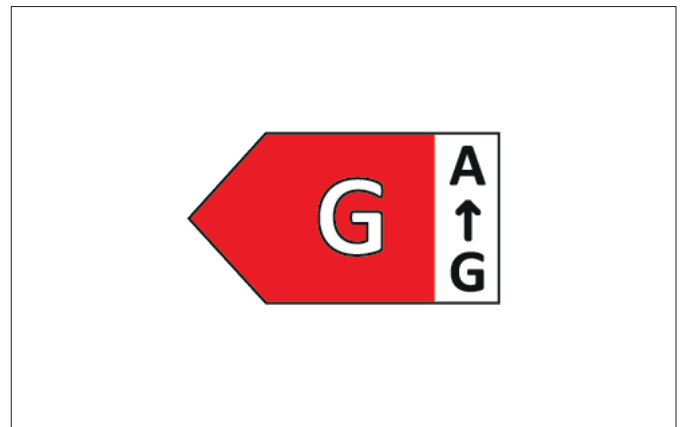
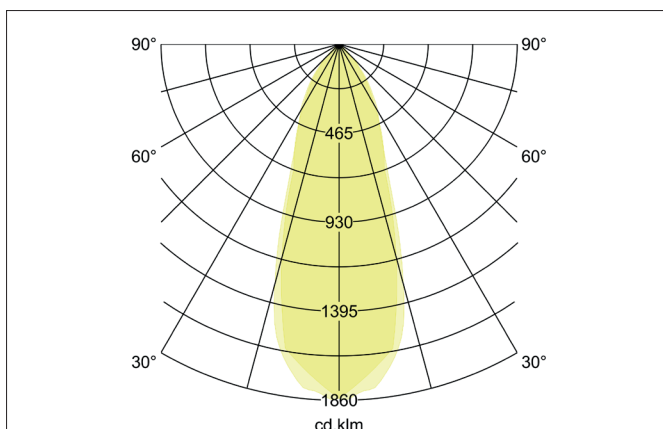
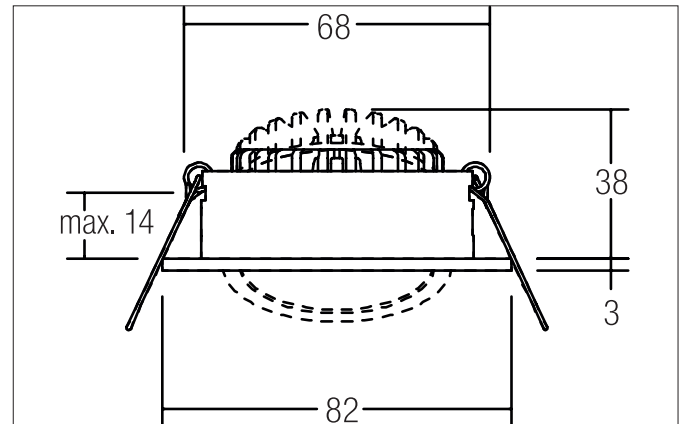



**LAKIL-R LED recessed spot, dim2warm**

Article no. 12461253


**Tender**

LED recessed spot, dim2warm, Round. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 68 mm, Installation depth 38 mm, Outer diameter 82 mm, Weight 0,104 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: aluminum 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. 12461253

| Article data           |                             |
|------------------------|-----------------------------|
| Article no.            | 12461253                    |
| GTIN                   | 4250047797289               |
| Series name            | LAKIL-R                     |
| Short description      | LED recessed spot, dim2warm |
| Material               | Aluminium / Polycarbonate   |
| Colour                 | aluminum 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                 | 0.104 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               | G                                                                                                                                                        |

| 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. 12461253

| Packing data            |                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gross weight            | 0.124 kg                                                                                                                                                                                                                                                                                                                                                                       |
| Length of packaging     | 85 mm                                                                                                                                                                                                                                                                                                                                                                          |
| Packaging width         | 43 mm                                                                                                                                                                                                                                                                                                                                                                          |
| Packaging hight         | 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. 12461253

**Required accessories**

Article no.: 17663000

LED converter 350 mA, trailing-edge phase dimmable

Power: 2,8 - 7 W, Plug&amp;Play

Dimensions: 110 mm x 50 mm x 19 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17663000\\_2021\\_DE.pdf](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&amp;Play + Anschlussbox

Dimensions: 110 mm x 50 mm x 19 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17663020\\_2021\\_DE.pdf](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&amp;Play

Dimensions: 51 mm x 24 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17652000\\_2021\\_DE.pdf](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&amp;Play + Anschlussbox

Dimensions: 51 mm x 24 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17652020\\_2021\\_DE.pdf](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&amp;Play

Dimensions: 102 mm x 38 mm x 21 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17640000\\_2021\\_DE.pdf](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&amp;Play + Anschlussbox

Dimensions: 102 mm x 38 mm x 21 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17640020\\_2021\\_DE.pdf](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&amp;Play

Dimensions: 110 mm x 52 mm x 22 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17657000\\_2021\\_DE.pdf](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&amp;Play

Dimensions: 130 mm x 42 mm x 22 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17684000\\_2021\\_DE.pdf](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&amp;Play + Anschlussbox

Dimensions: 130 mm x 42 mm x 22 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17684020\\_2021\\_DE.pdf](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&amp;Play

Dimensions: 56 mm x 25 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17658000\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_17658000_2021_DE.pdf)


**LAKIL-R LED recessed spot, dim2warm**

Article no. 12461253

**Required accessories**

Article no.: 17658020

LED round converter 350 mA, DALI dimmable (digital)

Power: 2,1 - 9 W, Plug&amp;Play + Anschlussbox

Dimensions: 56 mm x 25 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17658020\\_2021\\_DE.pdf](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&amp;Play

Dimensions: 110.5 mm x 52 mm x 22 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17683000\\_2021\\_DE.pdf](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&amp;Play + Anschlussbox

Dimensions: 110.5 mm x 52 mm x 22 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17683020\\_2021\\_DE.pdf](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&amp;Play

Dimensions: 146.5 mm x 43.5 mm x 22 mm

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Article no.: 17682020

LED converter 350 mA, DALI dimmable (digital)

Power: 1,8 - 18,5 W, Plug&amp;Play + Anschlussbox

Dimensions: 146.5 mm x 43.5 mm x 22 mm

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Article no.: 17671000

LED converter 350mA, ZigBee dimmable

Power: 3,5 - 18,5 W, Plug&amp;Play

Dimensions: 146.5 mm x 44 mm x 30 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17671000\\_2021\\_DE.pdf](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&amp;Play + Anschlussbox

Dimensions: 146.5 mm x 44 mm x 30 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17671020\\_2021\\_DE.pdf](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&amp;Play

Dimensions: 146.5 mm x 44 mm x 30 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17672000\\_2021\\_DE.pdf](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&amp;Play + Anschlussbox

Dimensions: 146.5 mm x 44 mm x 30 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17672020\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_17672020_2021_DE.pdf)

**LAKIL-R LED recessed spot, dim2warm**

Article no. 12461253

**Optional accessories**

Article no.: 81201250

Reducing ring D 110 mm, for luminaire cut-out size 68 mm

Dimensions: 110 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_81201250\\_2021\\_DE.pdf](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

Dimensions: 130 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_81202250\\_2021\\_DE.pdf](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

Dimensions: 145 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_81203250\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_81203250_2021_DE.pdf)

Article no.: 3835

Plug &amp; Play extension lead 350 mA

Dimensions: 500 mm

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Article no.: 3836

Plug &amp; Play extension lead 350 mA

Dimensions: 1,000 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_00003836\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_00003836_2021_DE.pdf)

Article no.: 3837

Plug &amp; Play extension lead 350 mA

Dimensions: 2,000 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_00003837\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_00003837_2021_DE.pdf)