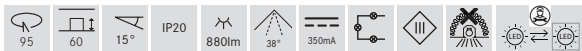
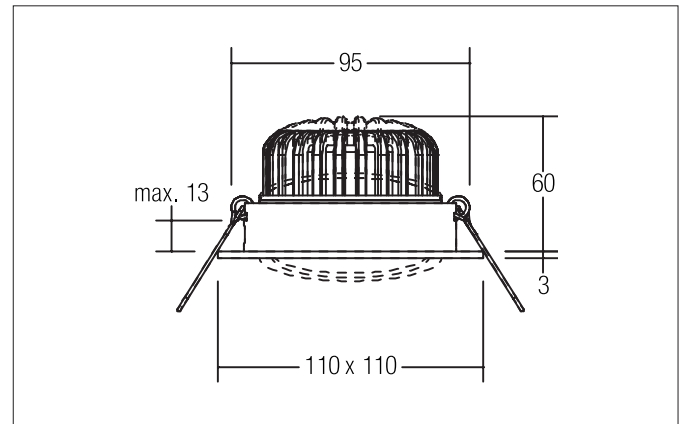


**KERBY-S LED-Einbaustrahler, dim2warm**

Article no. 12492153


**Tender**

Square LED recessed spotlight, dim2warm, tool-free ceiling installation using installation springs. Ceiling cut-out Ø 95 mm, installation depth 60 mm, length 110 mm, width 110 mm, weight 0.285 kg, silver reflector with rotationally symmetrical narrow-wide beam light distribution. Cover glass transparent, rated luminous flux 880 lm, rated wattage 1 x 12 W, light color warm white to warm white, most similar color temperature (CCT) 3,000 K - 1,800 K, general color rendering index CRI > 90, service life L80/B20 at 25 °C: 50,000 h, housing material: aluminum / glass, color: nickel, permissible ambient temperature (ta): -20 °C - +25 °C, protection class (EN 61140): III, degree of protection (DIN EN 60529): IP20. For connection to an external control gear, which is not included with the luminaire. Dimmable depending on the control gear.

**Product Benefits**

- LED-Einbaustrahler in quadratischer Bauform aus massivem Aluminium mit Glasabdeckung.
- Einfache und werkzeuglose Montage.
- CRI > 90.
- Geringe Einbautiefe 60 mm, Länge 110 mm, Breite 110 mm, Deckenausschnitt 95 mm.
- Deckenstärke maximal 13 mm.
- Ausführung dim2warm für Bestromung mit 350 mA.
- Alternativ als Set dimmbar (Phasenabschnitt), in Version 350 mA mit statischer Farbtemperatur und in Bauform rund verfügbar.

**KERBY-S LED-Einbaustrahler, dim2warm**

Article no. 12492153

| Article data       |                              |
|--------------------|------------------------------|
| Article no.        | 12492153                     |
| GTIN               | 4251433914457                |
| Series name        | KERBY-S                      |
| Short description  | LED-Einbaustrahler, dim2warm |
| Material           | Aluminium / Glass            |
| Colour             | Nickel                       |
| Type of surface    | Matt                         |
| Shape              | Square                       |
| Length             | 110 mm                       |
| Width              | 110 mm                       |
| Built-in diameter  | 95 mm                        |
| Installation depth | 60 mm                        |
| Hight              | 3 mm                         |
| Weight             | 0.285 kg                     |
| 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                | 880 lm            |
| Luminous flux 1              | 880 lm            |
| Luminous flux 2              | 20 lm             |
| System efficiency            | 73 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  |
| 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               | nicht erforderlich   |

| Mounting technology         |   |
|-----------------------------|---|
| Mounting method             | Recessed mounting   |
| Place of installation       | Ceiling-mounted   |
| Adjustability               | Pivoted   |
| Swivel angle                | 15°   |
| Max. ceiling thickness      | 13 mm   |
| Further references          | No mounting box No cover with thermal insulation material |
| Material cover              | Glass transparent   |
| Suitable for through-wiring | Yes, with optional accessories                            |

**KERBY-S LED-Einbaustrahler, dim2warm**  
Article no. 12492153

| Packing data            |  |
|-------------------------|--|
| Gross weight            | 0.332 kg   |
| Length of packaging     | 135 mm   |
| Packaging width         | 70 mm  |
| Packaging hight         | 120 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> |

**KERBY-S LED-Einbaustrahler, dim2warm**

Article no. 12492153

| Required accessories  |
|---|
| Article no.: 17664000<br>LED converter 350 mA, trailing-edge phase dimmable<br>Power: 10,2 - 14 W, Plug&Play<br>Dimensions: 125 mm x 51 mm x 20 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17664000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17664000_2021_DE.pdf</a>                 |
| Article no.: 17664020<br>LED converter 350 mA, trailing-edge phase dimmable<br>Power: 10,2 - 14 W, Plug&Play + Anschlussbox<br>Dimensions: 125 mm x 51 mm x 20 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17664020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17664020_2021_DE.pdf</a>  |
| Article no.: 17643000<br>LED converter 350 mA, trailing-edge phase dimmable<br>Power: 8,8 - 18 W, Plug&Play<br>Dimensions: 110.5 mm x 52 mm x 22 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17643000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17643000_2021_DE.pdf</a>                |
| Article no.: 17643020<br>LED converter 350 mA, trailing-edge phase dimmable<br>Power: 8,8 - 18 W, Plug&Play + Anschlussbox<br>Dimensions: 110.5 mm x 52 mm x 22 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17643020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17643020_2021_DE.pdf</a> |
| Article no.: 17657000<br>LED converter 350 mA, 1-10 V dimmable (analog)<br>Power: 5,2 - 18 W, Plug&Play<br>Dimensions: 110 mm x 52 mm x 22 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17657000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17657000_2021_DE.pdf</a>                      |
| Article no.: 17683000<br>LED converter 350 mA, DALI dimmable (digital)<br>Power: 3,5 - 17 W, Plug&Play<br>Dimensions: 110.5 mm x 52 mm x 22 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17683000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17683000_2021_DE.pdf</a>                     |
| Article no.: 17683020<br>LED converter 350 mA, DALI dimmable (digital)<br>Power: 3,5 - 17 W, Plug&Play + Anschlussbox<br>Dimensions: 110.5 mm x 52 mm x 22 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17683020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17683020_2021_DE.pdf</a>      |
| Article no.: 17682000<br>LED converter 350 mA, DALI dimmable (digital)<br>Power: 1,8 - 18,5 W, Plug&Play<br>Dimensions: 146.5 mm x 43.5 mm x 22 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17682000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17682000_2021_DE.pdf</a>                 |
| Article no.: 17682020<br>LED converter 350 mA, DALI dimmable (digital)<br>Power: 1,8 - 18,5 W, Plug&Play + Anschlussbox<br>Dimensions: 146.5 mm x 43.5 mm x 22 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17682020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17682020_2021_DE.pdf</a>  |
| Article no.: 17671000<br>LED converter 350mA, ZigBee dimmable<br>Power: 3,5 - 18,5 W, Plug&Play<br>Dimensions: 146.5 mm x 44 mm x 30 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17671000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17671000_2021_DE.pdf</a>                            |

**KERBY-S LED-Einbaustrahler, dim2warm**

Article no. 12492153

**Required accessories**

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)**Optional accessories**

Article no.: 3835

Plug &amp; Play extension lead 350 mA

Dimensions: 500 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_00003835\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_00003835_2021_DE.pdf)

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)