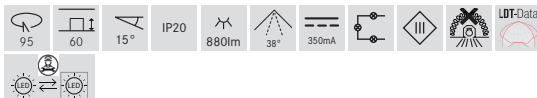
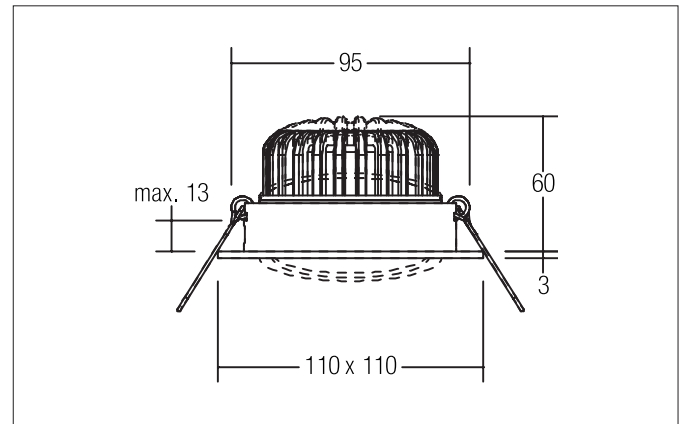


**KERBY-S LED-Einbaustrahler, dim2warm**

Article no. 12492083


**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 0.283 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: black, 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. 12492083

Article data	
Article no.	12492083
GTIN	4251433946380
Series name	KERBY-S
Short description	LED-Einbaustrahler, dim2warm
Material	Aluminium / Glass
Colour	Black
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	0.283 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. 12492083

Packing data	
Gross weight	0.328 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. 12492083

Required accessories
<p>Article no.: 17664000</p> <p>LED converter 350 mA, trailing-edge phase dimmable</p> <p>Power: 10,2 - 14 W, Plug&amp;Play</p> <p>Dimensions: 125 mm x 51 mm x 20 mm</p> <p><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></p>
<p>Article no.: 17664020</p> <p>LED converter 350 mA, trailing-edge phase dimmable</p> <p>Power: 10,2 - 14 W, Plug&amp;Play + Anschlussbox</p> <p>Dimensions: 125 mm x 51 mm x 20 mm</p> <p><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></p>
<p>Article no.: 17643000</p> <p>LED converter 350 mA, trailing-edge phase dimmable</p> <p>Power: 8,8 - 18 W, Plug&amp;Play</p> <p>Dimensions: 110.5 mm x 52 mm x 22 mm</p> <p><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></p>
<p>Article no.: 17643020</p> <p>LED converter 350 mA, trailing-edge phase dimmable</p> <p>Power: 8,8 - 18 W, Plug&amp;Play + Anschlussbox</p> <p>Dimensions: 110.5 mm x 52 mm x 22 mm</p> <p><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></p>
<p>Article no.: 17657000</p> <p>LED converter 350 mA, 1-10 V dimmable (analog)</p> <p>Power: 5,2 - 18 W, Plug&amp;Play</p> <p>Dimensions: 110 mm x 52 mm x 22 mm</p> <p><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></p>
<p>Article no.: 17683000</p> <p>LED converter 350 mA, DALI dimmable (digital)</p> <p>Power: 3,5 - 17 W, Plug&amp;Play</p> <p>Dimensions: 110.5 mm x 52 mm x 22 mm</p> <p><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></p>
<p>Article no.: 17683020</p> <p>LED converter 350 mA, DALI dimmable (digital)</p> <p>Power: 3,5 - 17 W, Plug&amp;Play + Anschlussbox</p> <p>Dimensions: 110.5 mm x 52 mm x 22 mm</p> <p><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></p>
<p>Article no.: 17682000</p> <p>LED converter 350 mA, DALI dimmable (digital)</p> <p>Power: 1,8 - 18,5 W, Plug&amp;Play</p> <p>Dimensions: 146.5 mm x 43.5 mm x 22 mm</p> <p><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></p>
<p>Article no.: 17682020</p> <p>LED converter 350 mA, DALI dimmable (digital)</p> <p>Power: 1,8 - 18,5 W, Plug&amp;Play + Anschlussbox</p> <p>Dimensions: 146.5 mm x 43.5 mm x 22 mm</p> <p><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></p>
<p>Article no.: 17671000</p> <p>LED converter 350mA, ZigBee dimmable</p> <p>Power: 3,5 - 18,5 W, Plug&amp;Play</p> <p>Dimensions: 146.5 mm x 44 mm x 30 mm</p> <p><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></p>

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

Article no. 12492083

**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)