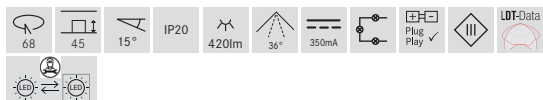
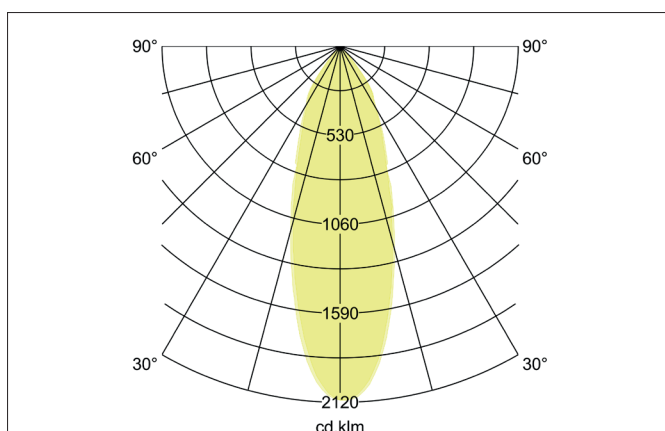
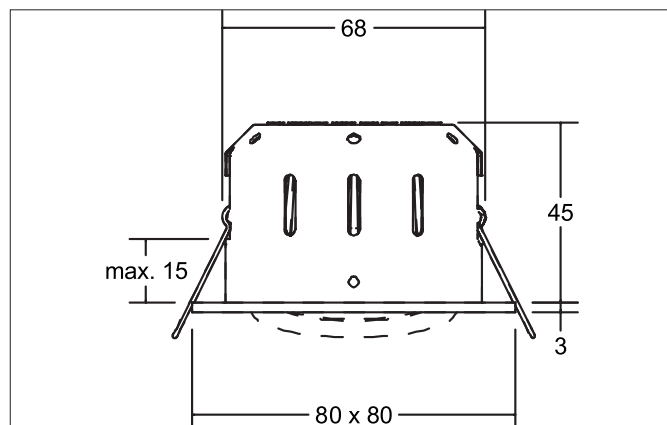



**INDIWO68-S LED-Einbaustrahler, dim2warm**

Article no. 12465153


**Tender**

Square LED recessed spotlight, dim2warm, tool-free ceiling installation using installation springs. Ceiling cut-out Ø 68 mm, installation depth 45 mm, length 80 mm, width 80 mm, weight 0.158 kg, silver reflector with rotationally symmetrical narrow-wide beam light distribution. Transparent plastic cover, rated luminous flux 420 lm, rated wattage 1 x 6 W, light color warm white to warm white, most similar color temperature (CCT) 3,000 K - 1,800 K, general color rendering index CRI > 95, service life L80/B20 at 25 °C: 50,000 h, housing material: aluminum / steel / PMMA, 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**

- Einbaustrahler in quadratischer Bauform aus massivem Aluminium und Schutzkappe zum Direkteinbau in Wärmedämmmaterial.
- Deckenausschnitt 68 mm, Länge 80 mm, Breite 80 mm, Einbautiefe 45 mm, Lichtstrom 420 lm, IP20.
- Ausführung dim2warm (wird die Leuchte gedimmt, verringert sich die Farbtemperatur auf minimal 1.800 K)
- In gleicher Oberflächenstruktur und in gleichen Farben auch in Ausführung 3.000 K und rund verfügbar.


**INDIWO68-S LED-Einbaustrahler, dim2warm**

Article no. 12465153

Article data	
Article no.	12465153
GTIN	4251433911296
Series name	INDIWO68-S
Short description	LED-Einbaustrahler, dim2warm
Material	Aluminium / Steel / PMMA
Colour	Nickel
Type of surface	Matt
Shape	Square
Length	80 mm
Width	80 mm
Built-in diameter	68 mm
Installation depth	45 mm
Hight	3 mm
Weight	0.158 kg
Conformance	CE, UKCA

Lighting technology	
Colour temperature	3.000 K - 1.800 K
Light colour	White
Color Temperature 1	3,000 K
Light output	Direct
Luminous flux	420 lm
Luminous flux 1	420 lm
System efficiency	70 lm/W
Colour rendering	CRI > 95
Reflector	Faceted
Reflector colour	silver
Beam angle	36°
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	nicht erforderlich

Mounting technology	
Mounting method	Recessed mounting
Place of installation	Ceiling-mounted
Adjustability	Pivoted
Swivel angle	15°
Max. ceiling thickness	15 mm
Material cover	Plastic, transparent
Suitable for through-wiring	Yes, with optional accessories



**INDIWO68-S LED-Einbaustrahler, dim2warm**  
Article no. 12465153

Packing data	
Gross weight	0.201 kg
Length of packaging	100 mm
Packaging width	90 mm
Packaging hight	80 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>


**INDIWO68-S LED-Einbaustrahler, dim2warm**

Article no. 12465153

**Required accessories**

Article no.: 17663000

LED-Konverter 350 mA, Phasenabschnitt dimmbar

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-Konverter 350 mA, Phasenabschnitt dimmbar

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-Rundkonverter 350 mA, Phasenabschnitt dimmbar

Power: 4,9 - 7 W, Plug&amp;Play

Dimensions: 51 mm x 24 mm

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Article no.: 17652020

LED-Rundkonverter 350 mA, Phasenabschnitt dimmbar

Power: 4,9 - 7 W, Plug&amp;Play + Anschlussbox

Dimensions: 51 mm x 24 mm

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Article no.: 17640000

LED-Konverter 350 mA, Phasenabschnitt dimmbar

Power: 4,2 - 10 W, Plug&amp;Play

Dimensions: 102 mm x 38 mm x 21 mm

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Article no.: 17640020

LED-Konverter 350 mA, Phasenabschnitt dimmbar

Power: 4,2 - 10 W, Plug&amp;Play + Anschlussbox

Dimensions: 102 mm x 38 mm x 21 mm

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Article no.: 17657000

LED-Konverter 350 mA, 1-10 V dimmbar (analog)

Power: 5,2 - 18 W, Plug&amp;Play

Dimensions: 110 mm x 52 mm x 22 mm

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Article no.: 17684000

LED-Konverter 350 mA, DALI dimmbar (digital)

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

Dimensions: 130 mm x 42 mm x 22 mm

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Article no.: 17684020

LED-Konverter 350 mA, DALI dimmbar (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-Rundkonverter 350 mA, DALI dimmbar (digital)

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

Dimensions: 56 mm x 25 mm

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**INDIWO68-S LED-Einbaustrahler, dim2warm**

Article no. 12465153

**Required accessories**

Article no.: 17658020

LED-Rundkonverter 350 mA, DALI dimmbar (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-Konverter 350 mA, DALI dimmbar (digital)

Power: 3,5 - 17 W, Plug&amp;Play

Dimensions: 110.5 mm x 52 mm x 22 mm

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Article no.: 17683020

LED-Konverter 350 mA, DALI dimmbar (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-Konverter 350 mA, DALI dimmbar (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-Konverter 350 mA, DALI dimmbar (digital)

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

Dimensions: 146.5 mm x 43.5 mm x 22 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17682020\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_17682020_2021_DE.pdf)

Article no.: 17671000

LED-Konverter 350mA, ZigBee dimmbar

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

Dimensions: 146.5 mm x 44 mm x 30 mm

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Article no.: 17671020

LED-Konverter 350mA, ZigBee dimmbar

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-Konverter 350mA, Casambi dimmbar

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

Dimensions: 146.5 mm x 44 mm x 30 mm

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Article no.: 17672020

LED-Konverter 350mA, Casambi dimmbar

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)

**INDIWO68-S LED-Einbaustrahler, dim2warm**  
Article no. 12465153**Optional accessories**

Article no.: 3835

Plug&amp;Play-Verlängerungsleitung 350 mA

Dimensions: 500 mm

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Article no.: 3836

Plug&amp;Play-Verlängerungsleitung 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-Verlängerungsleitung 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)