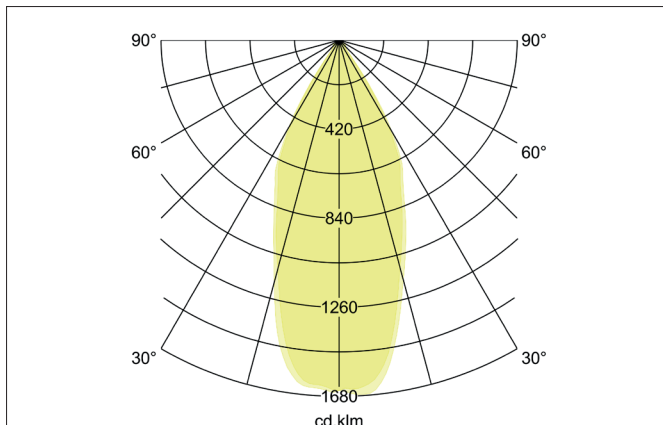
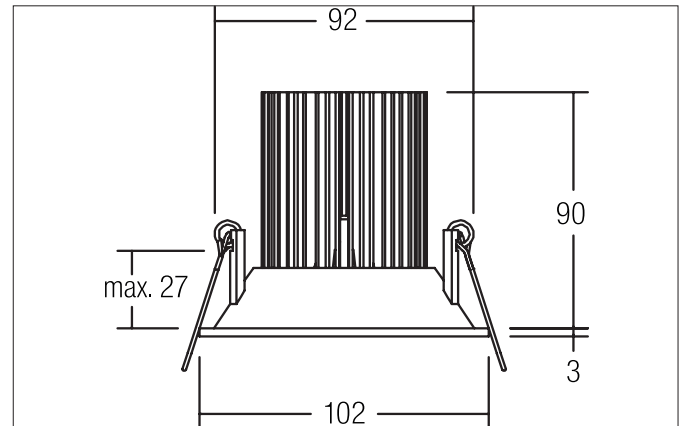


**CIRCLE-R LED-Einbaudownlight, mit umlaufender Lichtfuge**

Article no. 12407073


**Tender**

Round LED recessed downlight, with all-round light joint, tool-free ceiling installation using installation springs. Ceiling cut-out Ø 92 mm, installation depth 90 mm, outer diameter 102 mm, weight 0.346 kg, silver reflector with rotationally symmetrical deep-wide beam light distribution. Rated luminous flux 950 lm, rated wattage 1 x 13.6 W, light color warm white, most similar color temperature (CCT) 3,000 K, general color rendering index CRI > 80, service life L70/B50 at 25 °C: 50,000 h, housing material: aluminum, color: white, 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**

- Einbaudownlight in runder Bauform aus massivem Aluminium.
- Deckenausschnitt 92 mm, Außendurchmesser 102 mm, Einbautiefe 90 mm, Lichtstrom 950 lm, IP20.
- Vertiefter Lichtaustritt zur verbesserten Entblendung.
- Bei Verwendung eines geeigneten Konverters dimmbar.
- Mit umlaufender Lichtfuge.
- Auch in quadratischer Bauform verfügbar.

**CIRCLE-R LED-Einbaudownlight, mit umlaufender Lichtfuge**

Article no. 12407073

Article data	
Article no.	12407073
GTIN	4250047781271
Series name	CIRCLE-R
Short description	LED-Einbaudownlight, mit umlaufender Lichtfuge
Material	Aluminium
Colour	White
Type of surface	Matt
Shape	Round
Outer diameter	102 mm
Built-in diameter	92 mm
Installation depth	90 mm
Hight	3 mm
Weight	0.346 kg
Conformance	CE, UKCA

Lighting technology	
Colour temperature	3.000 K
Light colour	White
Light output	Direct
Luminous flux	950 lm
System efficiency	70 lm/W
Colour rendering	CRI > 80
Reflector	Faceted
Reflector colour	silver
Beam angle	45°
Light sharing	Symmetric
Adjustable color temperature	No

Operating technology of the luminaire	
Voltage type	DC
Current	700 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 L70/B50 at 25 °C	50,000 h
Energy efficiency class	nicht erforderlich

Mounting technology	
Mounting method	Recessed mounting
Place of installation	Ceiling-mounted
Adjustability	Not adjustable
Max. ceiling thickness	27 mm
Further references	No cover with thermal insulation material
Material cover	Without cover
Suitable for through-wiring	Yes, with optional accessories

**CIRCLE-R LED-Einbaudownlight, mit umlaufender Lichtfuge**  
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Packing data	
Gross weight	0.452 kg
Length of packaging	145 mm
Packaging width	145 mm
Packaging hight	140 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>

**CIRCLE-R LED-Einbaudownlight, mit umlaufender Lichtfuge**

Article no. 12407073

Required accessories
Article no.: 17723000 LED converter 700 mA, on/off switchable Power: 1,4 - 31 W, Plug&Play Dimensions: 146.5 mm x 43.5 mm x 30 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17723000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17723000_2021_DE.pdf</a>
Article no.: 17723020 LED converter 700 mA, on/off switchable Power: 1,4 - 31 W, Plug&Play + Anschlussbox Dimensions: 146.5 mm x 43.5 mm x 30 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17723020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17723020_2021_DE.pdf</a>
Article no.: 17746000 LED converter 700 mA, trailing-edge phase dimmable Power: 11,2 - 20 W, Plug&Play Dimensions: 110.5 mm x 52 mm x 22 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17746000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17746000_2021_DE.pdf</a>
Article no.: 17746020 LED converter 700 mA, trailing-edge phase dimmable Power: 11,2 - 20 W, Plug&Play + Anschlussbox Dimensions: 110.5 mm x 52 mm x 22 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17746020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17746020_2021_DE.pdf</a>
Article no.: 17748000 LED converter 700 mA, trailing-edge phase dimmable Power: 1,4 - 32 W, Plug&Play Dimensions: 166 mm x 46 mm x 34 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17748000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17748000_2021_DE.pdf</a>
Article no.: 17748020 LED converter 700 mA, trailing-edge phase dimmable Power: 1,4 - 32 W, Plug&Play + Anschlussbox Dimensions: 166 mm x 46 mm x 34 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17748020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17748020_2021_DE.pdf</a>
Article no.: 17767000 LED converter 700 mA, 1-10 V dimmable (analog) Power: 2,1 - 20 W, Plug&Play Dimensions: 110.5 mm x 52 mm x 22 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17767000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17767000_2021_DE.pdf</a>
Article no.: 17767020 LED converter 700 mA, 1-10 V dimmable (analog) Power: 2,1 - 20 W, Plug&Play + Anschlussbox Dimensions: 110.5 mm x 52 mm x 22 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17767020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17767020_2021_DE.pdf</a>
Article no.: 17777000 LED converter 700 mA, 1-10 V dimmable (analog) Power: 7 - 36 W, Plug&Play Dimensions: 146.5 mm x 43.5 mm x 30 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17777000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17777000_2021_DE.pdf</a>
Article no.: 17783000 LED converter 700 mA, DALI dimmable, (digital) Power: 2,1 - 20 W, Plug&Play Dimensions: 110.5 mm x 52 mm x 22 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17783000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17783000_2021_DE.pdf</a>

**CIRCLE-R LED-Einbaudownlight, mit umlaufender Lichtfuge**

Article no. 12407073

Required accessories
Article no.: 17783020 LED converter 700 mA, DALI dimmable, (digital) Power: 2,1 - 20 W, Plug&Play + Anschlussbox Dimensions: 110.5 mm x 52 mm x 22 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17783020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17783020_2021_DE.pdf</a>
Article no.: 17788000 LED converter 700 mA, DALI dimmable (digital) Power: 7 - 38 W, Plug&Play Dimensions: 146.5 mm x 44 mm x 30 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17788000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17788000_2021_DE.pdf</a>
Article no.: 17788020 LED converter 700 mA, DALI dimmable (digital) Power: 7 - 38 W, Plug&Play + Anschlussbox Dimensions: 146.5 mm x 44 mm x 30 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17788020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17788020_2021_DE.pdf</a>
Article no.: 17782000 LED converter 700 mA, DALI dimmable, (digital) Power: 3,5 - 38 W, Plug&Play Dimensions: 146.5 mm x 43.5 mm x 22 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17782000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17782000_2021_DE.pdf</a>
Article no.: 17782020 LED converter 700 mA, DALI dimmable, (digital) Power: 3,5 - 38 W, Plug&Play + Anschlussbox Dimensions: 146.5 mm x 43.5 mm x 22 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17782020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17782020_2021_DE.pdf</a>
Article no.: 17771000 LED converter 700mA, ZigBee dimmable Power: 7 - 36 W, Plug&Play Dimensions: 146.5 mm x 44 mm x 30 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17771000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17771000_2021_DE.pdf</a>
Article no.: 17771020 LED converter 700mA, ZigBee dimmable Power: 7 - 36 W, Plug&Play + Anschlussbox Dimensions: 146.5 mm x 44 mm x 30 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17771020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17771020_2021_DE.pdf</a>
Article no.: 17772000 LED converter 700mA, Casambi dimmable Power: 7 - 38 W, Plug&Play Dimensions: 146.5 mm x 44 mm x 30 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17772000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17772000_2021_DE.pdf</a>
Article no.: 17772020 LED converter 700mA, Casambi dimmable Power: 7 - 38 W, Plug&Play + Anschlussbox Dimensions: 146.5 mm x 44 mm x 30 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17772020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17772020_2021_DE.pdf</a>

**CIRCLE-R LED-Einbaudownlight, mit umlaufender Lichtfuge**

Article no. 12407073

**Optional accessories**

Article no.: 3838

Plug &amp; Play extension lead 700 mA

Dimensions: 500 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_00003838\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_00003838_2021_DE.pdf)

Article no.: 3839

Plug &amp; Play extension lead 700 mA

Dimensions: 1,000 mm

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Article no.: 3840

Plug &amp; Play extension lead 700 mA

Dimensions: 2,000 mm

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