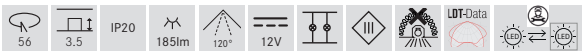
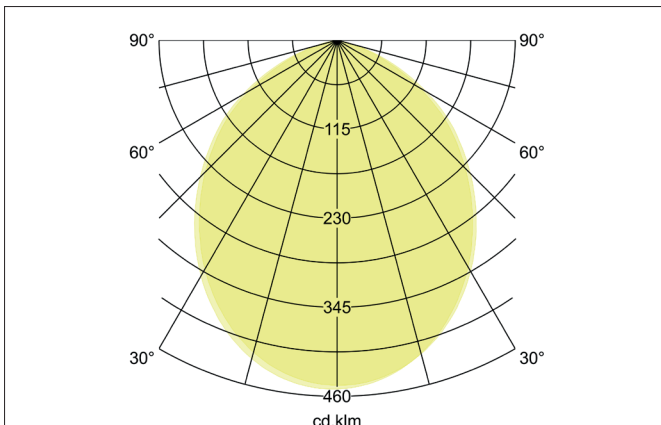
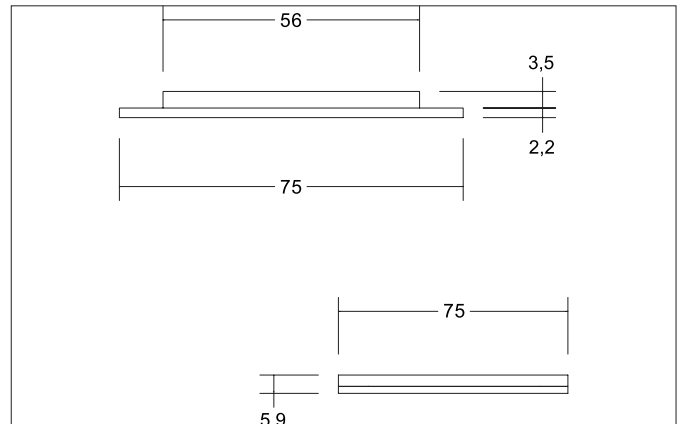




## X-FLAT-R LED recessed / surface-mounted downlight

Article no. 12164023



### Tender

LED recessed / surface-mounted downlight, Round. Ceiling cut-out Ø 56 mm, Installation depth 3,5 mm, Outer diameter 75 mm, Weight 0,061 kg, with rotationssymmetrical, deep, wide distributed light intensity. Cover plastic, opal Luminous flux 185 lm, Power 1 x 2,6 W, Light colour warm white, Correlated color temperature (CCT) 3.000 K, Colour rendering index CRI 81, Rated life time L70/B50 at 25 °C: 30.000 h, Housing material: Aluminium / Steel / Plastic, Colour: chrome glossy, 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

- Verwendbar als Einbau- und als Anbauleuchte - das Anbaugeschäule kommt direkt mit.
- Durchmesser bei Anbauversion: 75 mm.
- Extrem flach ausgeführt - Einbautiefe 3,5 mm, Höhe bei Einbauversion 2 mm, bei Anbauversion 6 mm.
- Schraubbefestigung von der Raumseite her.
- Außenkante nickel matt, Blende über Magnet befestigt und wahlweise auch durch einen anderen Farbton ersetzbar.
- Lieferung inklusive 2.000 mm Anschlußleitung.


**X-FLAT-R LED recessed / surface-mounted downlight**

Article no. 12164023

Article data	
Article no.	12164023
GTIN	4251433927167
Series name	X-FLAT-R
Short description	LED recessed / surface-mounted downlight
Material	Aluminium / Steel / Plastic
Colour	chrome glossy
Type of surface	Glossy
Shape	Round
Outer diameter	75 mm
Built-in diameter min.	56 mm
Built-in diameter max.	56 mm
Installation depth	3.5 mm
Hight	5.9 mm
Scope of delivery	Including 2,000 mm connecting cable
Weight	0.061 kg
D licence plate	No
Conformance	CE, UKCA

Lighting technology	
Colour temperature	3.000 K
Light output	Direct
Luminous flux	185 lm
System efficiency	71 lm/W
Colour rendering	CRI 81
Reflector	Without
Beam angle	120°
Light sharing	Symmetric
Adjustable color temperature	No

Operating technology of the luminaire	
Voltage type	DC
DC nominal voltage max	12 V
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 L70/B50 at 25 °C	30,000 h
Energy efficiency class	not required

Mounting technology	
Mounting method	Recessed mounting
Place of installation	Ceiling-mounted
Adjustability	Not adjustable
Further references	No cover with thermal insulation material
Cover	Plastic, opal


**X-FLAT-R LED recessed / surface-mounted downlight**

Article no. 12164023

Packing data	
Gross weight	0.078 kg
Length of packaging	70 mm
Packaging width	47 mm
Packaging height	81 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>

Required accessories	
Article no.: 17111000	
LED power supply	
Power: 1 - 15 W	
Dimensions: 103 mm x 35.5 mm x 16.5 mm	
	<a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17111000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17111000_2021_DE.pdf</a>
Article no.: 17112000	
LED power supply	
Power: 1 - 30 W	
Dimensions: 160 mm x 58 mm x 18 mm	
	<a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17112000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17112000_2021_DE.pdf</a>

Optional accessories	
Article no.: 17107000	
6-way distributor 12 V DC for 17106/17110	
Leistung: 30 W	
	<a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17107000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17107000_2021_DE.pdf</a>
Article no.: 17108000	
Extension cable 12 V DC for 17106/17110/17107	
	<a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17108000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17108000_2021_DE.pdf</a>