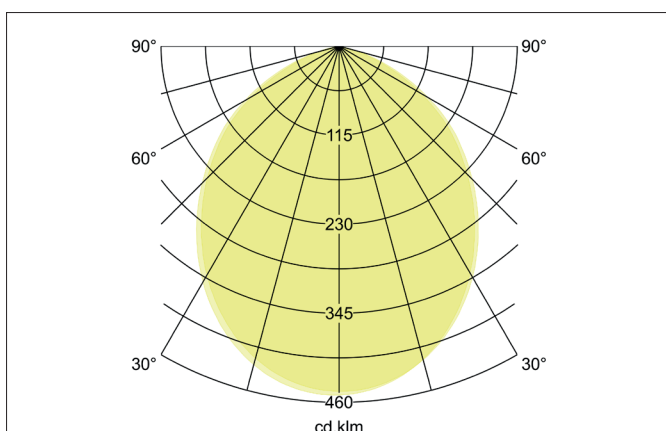
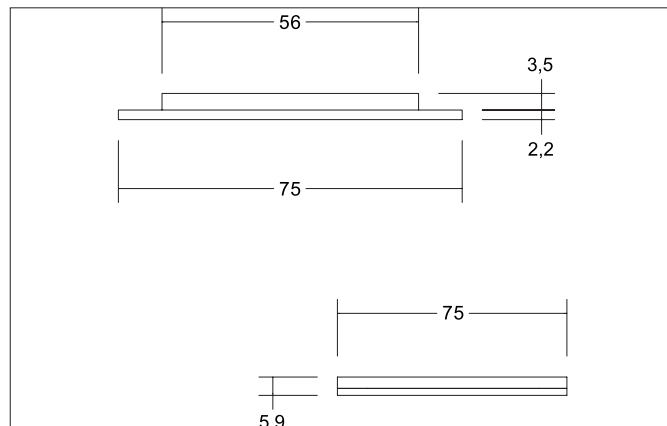


**X-FLAT-R LED recessed / surface-mounted downlight**

Article no. 12164023


**Tender**

Round LED recessed / surface-mounted downlight, incl. optional surface-mounted housing, ceiling cut-out  $\varnothing$  56 mm, installation depth 3.5 mm, outer diameter 75 mm, weight 0.061 kg, with rotationally symmetrical narrow-wide beam light distribution. Cover plastic opal, rated luminous flux 185 lm, rated wattage 1 x 2.6 W, light color warm white, most similar color temperature (CCT) 3,000 K, general color rendering index CRI 81, service life L70/B50 at 25 °C: 30,000 h, housing material: aluminum / steel / plastic, color: chrome, 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.

**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                                   |
| Type of surface        | Glossy                                   |
| Shape                  | Round                                    |
| Outer diameter         | 75 mm                                    |
| Built-in diameter min. | 56 mm                                    |
| Built-in diameter      | 56 mm                                    |
| Installation depth     | 3.5 mm                                   |
| Hight                  | 5.9 mm                                   |
| Scope of delivery      | Including 2,000 mm connecting cable      |
| Weight                 | 0.061 kg                                 |
| stamp                  | MM                                       |
| 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   |

| Mounting technology   |   |
|-----------------------|---|
| Mounting method       | Recessed mounting                         |
| Place of installation | Ceiling-mounted                           |
| Adjustability         | Not adjustable                            |
| Further references    | No cover with thermal insulation material |
| 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.: 17106000<br>LED power supply 12 V DC, on/off switchable<br>Power: 1 - 15 W<br>Dimensions: 105 mm x 49 mm x 18 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17106000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17106000_2021_DE.pdf</a> |  |
| Article no.: 17110000<br>LED power supply 12 V DC, on/off switchable<br>Power: 1 - 30 W<br>Dimensions: 185 mm x 48 mm x 20 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17110000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17110000_2021_DE.pdf</a> |  |
| Article no.: 17107000<br>6-way distributor 12 V DC for 17106/17110<br>Leistung: 30 W<br><br><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<br>Extension cable 12 V DC for 17106/17110/17107<br><br><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>  |  |