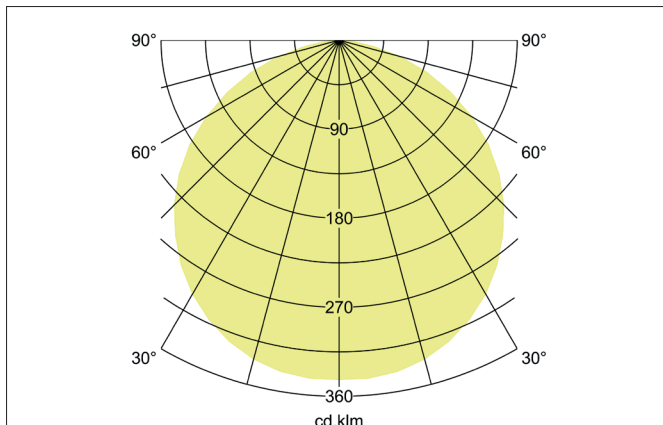
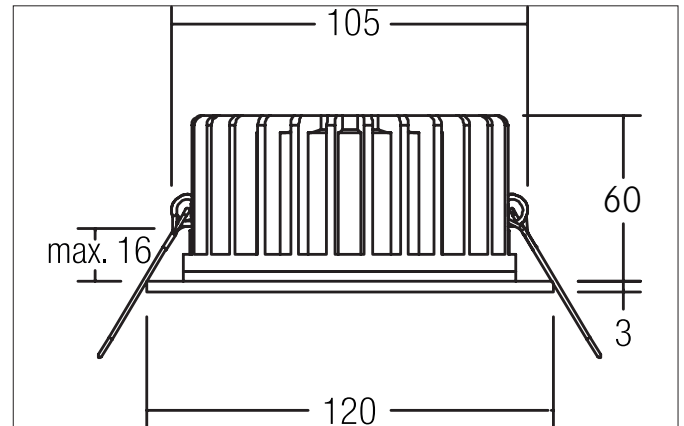


**LUELLA MINI LED recessed downlight, TunableWhite**

Article no. 12423074


**Tender**

LED recessed downlight, TunableWhite, Round. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 105 mm, Installation depth 60 mm, Outer diameter 120 mm, Weight 0,315 kg, with rotationssymmetrical, deep, wide distributed light intensity. Cover plastic, opal. Luminous flux 205 lm, Power 1 x 13 W, Light colour warm white to daylight white, Correlated color temprature (CCT) 2.700 - 6.000 K, Colour rendering index CRI > 80, Rated life time L70/B50 at 25 °C: 50.000 h, Housing material: Aluminium / Polypropylene, Colour: White structure, 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 driver, which is not included in the scope of delivery of the luminaire. Depending on driver dimmable.

**Product Benefits**

- Recessed downlight in round design made of solid aluminum and polypropylene.
- Ceiling cutout 105 mm, outer diameter 120 mm, recess depth 60 mm, luminous flux 250 lm, IP20.
- Maximum ceiling thickness 16 mm.
- Power 7 W per control channel.
- Color temperature 2700 K - 6000 K.

**LUELLA MINI LED recessed downlight, TunableWhite**

Article no. 12423074

| Article data       |                                      |
|--------------------|--------------------------------------|
| Article no.        | 12423074                             |
| GTIN               | 4250047797241                        |
| Series name        | LUELLA MINI                          |
| Short description  | LED recessed downlight, TunableWhite |
| Material           | Aluminium / Polypropylene            |
| Colour             | White                                |
| Type of surface    | Structure                            |
| Shape              | Round                                |
| Outer diameter     | 120 mm                               |
| Built-in diameter  | 105 mm                               |
| Installation depth | 60 mm                                |
| Hight              | 3 mm                                 |
| Weight             | 0.315 kg                             |
| Conformance        | CE, UKCA                             |

| Lighting technology          |                   |
|------------------------------|-------------------|
| Colour temperature           | 2.700 K - 6.000 K |
| Light colour                 | White             |
| Color Temperature 1          | 2,700 K           |
| Color Temperature 2          | 6,000 K           |
| Light output                 | Direct            |
| Luminous flux                | 205 lm            |
| Luminous flux 1              | 205 lm            |
| Luminous flux 2              | 250 lm            |
| System efficiency            | 16 lm/W           |
| Colour rendering             | CRI > 80          |
| Reflector                    | Without           |
| Beam angle                   | 110°              |
| Light sharing                | Symmetric         |
| Adjustable color temperature | Infinite control  |

| Operating technology of the luminaire |  |
|---------------------------------------|--|
| Voltage type                          | DC   |
| DC nominal voltage max                | 24 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      | 50,000 h   |

| Mounting technology    |   |
|------------------------|---|
| Mounting method        | Recessed mounting                         |
| Place of installation  | Ceiling-mounted                           |
| Adjustability          | Not adjustable                            |
| Max. ceiling thickness | 16 mm                                     |
| Further references     | No cover with thermal insulation material |
| Material cover         | Plastic, opal                             |

**LUELLA MINI LED recessed downlight, TunableWhite**  
Article no. 12423074

| Packing data            |  |
|-------------------------|--|
| Gross weight            | 0.383 kg   |
| Length of packaging     | 130 mm   |
| Packaging width         | 130 mm   |
| Packaging hight         | 85 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> |

**LUELLA MINI LED recessed downlight, TunableWhite**

Article no. 12423074

| Required accessories  |
|---|
| Article no.: 17206000<br>LED power supply 24 V DC, 1-10 V dimmable (analog)<br>Power: 1 - 20 W<br>Dimensions: 145 mm x 55 mm x 19 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17206000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17206000_2021_DE.pdf</a> |
| Article no.: 17207000<br>LED power supply 24 V DC, on/off switchable<br>Power: 1 - 30 W<br>Dimensions: 160 mm x 50 mm x 22 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17207000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17207000_2021_DE.pdf</a>        |
| Article no.: 17223000<br>LED power supply 24 V DC, on/off switchable<br>Power: 1 - 75 W<br>Dimensions: 185 mm x 60 mm x 31 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17223000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17223000_2021_DE.pdf</a>        |
| Article no.: 17224000<br>LED power supply 24 V DC, on/off switchable<br>Power: 1 - 100 W<br>Dimensions: 199 mm x 63 mm x 36 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17224000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17224000_2021_DE.pdf</a>       |
| Article no.: 17225000<br>LED power supply 24 V DC, on/off switchable<br>Power: 1 - 150 W<br>Dimensions: 219 mm x 63 mm x 36 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17225000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17225000_2021_DE.pdf</a>       |
| Article no.: 17226000<br>LED power supply 24V DC, on/off switchable<br>Power: 1 - 240 W<br>Dimensions: 244 mm x 71 mm x 38 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17226000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17226000_2021_DE.pdf</a>        |
| Article no.: 17240000<br>LED power supply 24 V DC, on/off switchable<br>Power: 1 - 20 W<br>Dimensions: 150 mm x 40 mm x 30 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17240000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17240000_2021_DE.pdf</a>        |
| Article no.: 17241000<br>LED power supply 24 V DC, on/off switchable<br>Power: 1 - 40 W<br>Dimensions: 210 mm x 40 mm x 30 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17241000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17241000_2021_DE.pdf</a>        |
| Article no.: 17242000<br>LED power supply 24 V DC, on/off switchable<br>Power: 1 - 60 W<br>Dimensions: 250 mm x 40 mm x 30 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17242000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17242000_2021_DE.pdf</a>        |
| Article no.: 17243000<br>LED power supply 24 V DC, on/off switchable<br>Power: 1 - 120 W<br>Dimensions: 300 mm x 40 mm x 30 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17243000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17243000_2021_DE.pdf</a>       |

**LUELLA MINI LED recessed downlight, TunableWhite**

Article no. 12423074

| Required accessories  |
|---|
| Article no.: 17244000<br>LED power supply 24 V DC, on/off switchable<br>Power: 1 - 150 W<br>Dimensions: 310 mm x 40 mm x 30 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17244000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17244000_2021_DE.pdf</a>                     |
| Article no.: 17230000<br>LED power supply 24 V DC, dimmable<br>Power: 5 - 30 W<br>Dimensions: 145 mm x 50 mm x 22 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17230000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17230000_2021_DE.pdf</a>                               |
| Article no.: 17231000<br>LED power supply 24 V DC, dimmable<br>Power: 12 - 75 W<br>Dimensions: 185 mm x 60 mm x 31 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17231000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17231000_2021_DE.pdf</a>                              |
| Article no.: 17232000<br>LED power supply 24 V DC, dimmable<br>Power: 12 - 120 W<br>Dimensions: 223 mm x 64 mm x 32 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17232000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17232000_2021_DE.pdf</a>                             |
| Article no.: 17290000<br>LED power supply 24 V DC, 4 channel, DALI-2 / DALI-DT8 dimmable<br>Power: 1 - 100 W<br>Dimensions: 244 mm x 64 mm x 32 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17290000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17290000_2021_DE.pdf</a> |
| Article no.: 17291000<br>LED power supply 24 V DC, 4 channel, DALI-2 / DALI-DT8 dimmable<br>Power: 1 - 200 W<br>Dimensions: 330 mm x 79 mm x 39 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17291000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17291000_2021_DE.pdf</a> |
| Article no.: 18155000<br>LED dimmer 12-24 V DC, dimmable<br>Power: 1 - 240 W<br>Dimensions: 170 mm x 59 mm x 30 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_18155000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_18155000_2021_DE.pdf</a>                                 |
| Article no.: 18165000<br>REG LED dimmer 12-24 V DC, dimmable<br>Power: 1 - 240 W<br>Dimensions: 54 mm x 110 mm x 66 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_18165000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_18165000_2021_DE.pdf</a>                             |