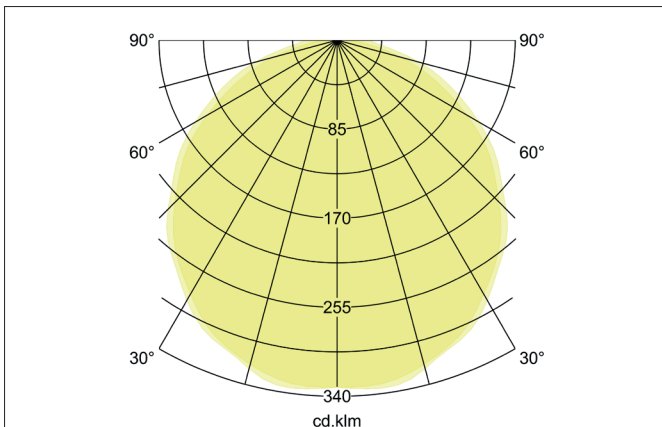
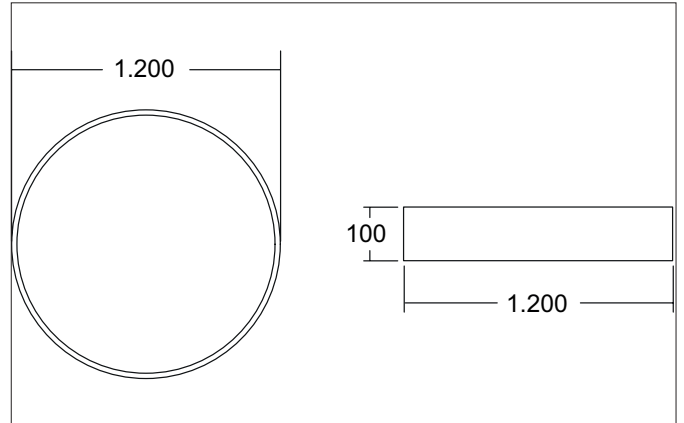


**BIRO CIRCLE LED surface luminaire, on/off switchable**  
Article no. 13683163



**Tender**  
LED surface luminaire, on/off switchable, Round. Luminaire diameter 1200.0 mm, Hight 100.0 mm Weight 9.0 kg, with rotationssymmetrical, deep, wide distributed light intensity. Cover plastic, opal. Luminous flux 19.650 lm, Power 1 x 175 W, Light colour warm white, Correlated color temprature (CCT) 3.000 K, Colour rendering index CRI > 80, Rated life time L70/B50 at 25 °C: 50.000 h, Rated life time L80/B50 at 25 °C: 50.000 h, Housing material: Aluminium / Steel / Plastic, Colour: Silver structure, Permissible ambient temperature (ta): -20 °C - +25 °C, Protection class (EN 61140): I, Degree of protection (DIN EN 60529): IP20. With electronic driver, on/off switchable.

| Article data      |   |
|-------------------|---|
| Article no.       | 13683163  |
| GTIN              | 4251433939764   |
| Series name       | BIRO CIRCLE   |
| Short description | LED surface luminaire, on/off switchable                  |
| Material          | Aluminium / Steel / Plastic                               |
| Colour            | Silver  |
| Type of surface   | Structure   |
| Shape             | Round   |
| Outer diameter    | 1200 mm   |
| Hight             | 100 mm  |
| Scope of delivery | Incl. converter for connection to the 230-V mains voltage |
| Weight            | 9.000 kg  |
| Conformance       | CE, UKCA  |

**BIRO CIRCLE LED surface luminaire, on/off switchable**

Article no. 13683163

| Lighting technology          |               |
|------------------------------|---------------|
| Colour temperature           | 3.000 K       |
| Light colour                 | White         |
| Light output                 | Direct        |
| Luminous flux                | 19,650 lm     |
| System efficiency            | 112 lm/W      |
| McAdam-Step                  | McAdam-Step 3 |
| Colour rendering             | CRI > 80      |
| Reflector                    | Without       |
| Beam angle                   | 110°          |
| Light sharing                | Symmetric     |
| Adjustable color temperature | No            |

| Operating technology of the luminaire |  |
|---------------------------------------|--|
| System output                         | 175 W  |
| Voltage type                          | AC   |
| AC nominal voltage max                | 230 V  |
| Frequency max                         | 50 Hz  |
| Lamp                                  | LED  |
| Lamp holder                           | Without fitting  |
| Protection class                      | I  |
| Degree of protection                  | IP20   |
| Control                               | on/off   |
| 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   |
| Rated life time L80/B50 at 25 °C      | 50.000 h   |

| Mounting technology   |                  |
|-----------------------|------------------|
| Mounting method       | Surface mounting |
| Place of installation | Ceiling-mounted  |
| Adjustability         | Not adjustable   |
| Material cover        | Plastic, opal    |

| Packing data            |   |
|-------------------------|---|
| Gross weight            | 10.5 kg   |
| Length of packaging     | 1,230 mm  |
| Packaging width         | 1,230 mm  |
| Packaging height        | 110 mm  |
| Disposal at end of life | This product must not be disposed of with household waste. You are obliged, to dispose of such electrical waste separately.<br>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. |