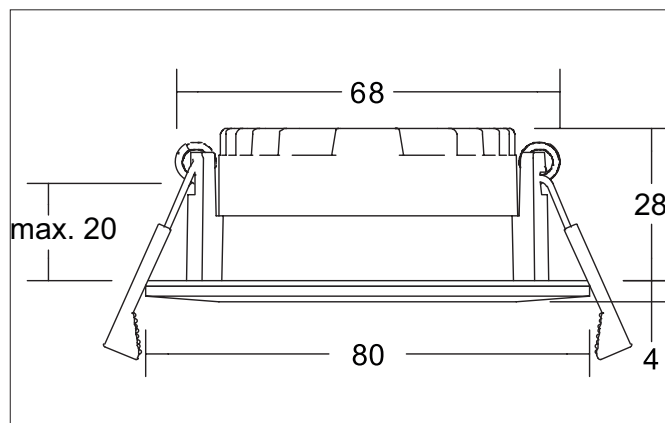


OBIRA LED recessed downlight, integrated converter trailing edge dimmable, IP65, with connection box

Article no. 12647183

**Tender**

LED recessed downlight, integrated converter trailing edge dimmable, IP65, with connection box, Round. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 68 mm, Installation depth 28 mm, Outer diameter 80 mm, Weight 0,162 kg, Reflector silver with rotationssymmetrical, deep, wide distributed light intensity. Cover polycarbonat clear. Luminous flux 550 lm, Power 1 x 6,9 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, Housing material: Aluminium / Polycarbonate, Colour: Black structure, Permissible ambient temperature (ta): -20 °C - +25 °C, Protection class (EN 61140): II, Degree of protection (DIN EN 60529): IP65. With electronic driver, Trailing-edge phase dimmable.

Product Benefits

- Round recessed downlight made of solid aluminum with polycarbonate cover.
- Protection class IP65 (for installation in closed ceilings).
- Simple and tool-free installation.
- CRI > 80.
- Low installation depth 35 mm, diameter 80 mm, Ceiling cut-out 68 mm.
- Maximum ceiling thickness 20 mm.
- Three surface finishes available.
- With integrated converter (DOB) for connection to 230 V mains voltage.
- Supplied with connection box for quick connection.
- Phase section dimmable.
- Also available in dim2warm version.

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Article no. 12647183

| Article data | |
|--------------------|--|
| Article no. | 12647183 |
| GTIN | 4255752501459 |
| Series name | OBIRA |
| Short description | LED recessed downlight, integrated converter trailing edge dimmable, IP65, with connection box |
| Material | Aluminium / Polycarbonate |
| Colour | Black |
| Type of surface | Structure |
| Shape | Round |
| Outer diameter | 80 mm |
| Built-in diameter | 68 mm |
| Installation depth | 28 mm |
| Hight | 3 mm |
| Scope of delivery | incl. connection box for through-wiring, 3-pole |
| Weight | 0.162 kg |
| Conformance | CE, UKCA |

| Lighting technology | |
|------------------------------|-----------|
| Colour temperature | 3.000 K |
| Light colour | White |
| Light output | Direct |
| Luminous flux | 550 lm |
| System efficiency | 80 lm/W |
| Colour rendering | CRI > 80 |
| Reflector | Faceted |
| Reflector colour | silver |
| Beam angle | 38° |
| Light sharing | Symmetric |
| Adjustable color temperature | No |

| Operating technology of the luminaire | |
|---------------------------------------|--|
| Voltage type | AC |
| AC nominal voltage min | 230 V |
| AC nominal voltage max | 230 V |
| Frequency max | 50 Hz |
| Frequency min | 50 Hz |
| Lamp | LED |
| Protection class | II |
| Degree of protection | IP65 |
| Dimmable | Yes |
| Control | Trailing-edge phase |
| 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 | 15 mm |
| Further references | No cover with thermal insulation material |
| Material cover | Polycarbonat clear |
| Suitable for through-wiring | Yes |

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| Packing data | |
|-------------------------|--|
| Gross weight | 0.212 kg |
| Length of packaging | 95 mm |
| Packaging width | 90 mm |
| Packaging height | 75 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> |

| Optional accessories | |
|---|--|
| Article no.: 81201180 Reducing ring D 110 mm, for luminaire cut-out size 68 mm | |
| https://www.brumberg.com/fileadmin/products/Datenblatt_81201180_2021_DE.pdf | |
| Article no.: 81202180 Reducing ring D 130 mm, for luminaire cut-out size 68 mm | |
| https://www.brumberg.com/fileadmin/products/Datenblatt_81202180_2021_DE.pdf | |
| Article no.: 81203180 Reducing ring D 145 mm, for luminaire cut-out size 68 mm | |
| https://www.brumberg.com/fileadmin/products/Datenblatt_81203180_2021_DE.pdf | |