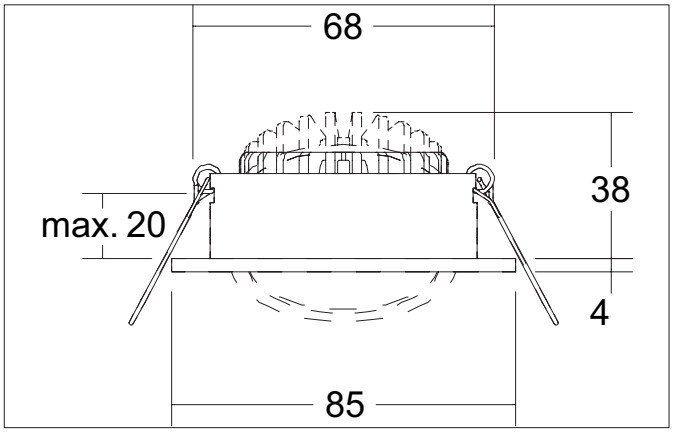
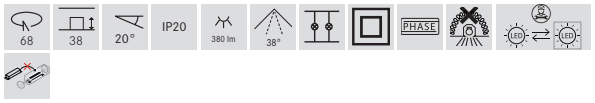
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# OLENI-R LED Recessed spotlight, integrated converter trailing edge dimmable, dim2warm, with connection box

Article no. 12646153DW






## Tender

LED Recessed spotlight, integrated converter trailing edge dimmable, dim2warm, with connection box, Round.Toolless ceiling installation by installation springs. Ceiling cut-out Ø 68 mm, Installation depth 38 mm, Outer diameter 85 mm, Weight 0,156 kg, Reflector silver with rotattionssymmetrical, deep, wide distributed light intensity. Cover polycarbonat clearLuminous flux 380 lm, Power 1 x 6,8 W, Light colour warm white to warm white, Correlated color temprature (CCT) 3.000 K - 1.800 K, Colour rendering index CRI > 90, Rated life time L70/B50 at 25 °C: 50.000 h, Housing material: Aluminium / Polycarbonate, Colour: nickel matt, Permissible ambient temperature (ta): -20 °C up to +25 °C, Protection class (EN 61140): II, Degree of protection (DIN EN 60529): IP20. With electronic driver, Trailing-edge phase dimmable.

All technical data as well as, weight and measurements are based on rated values and had been carefully prepared. We reserve the right to make technical changes which are are important in progressing. Product pictures are examples and can vary from the original. Subject to errors.
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**Product Benefits**

- Round recessed spotlight made of solid aluminum with polycarbonate cover.
- Simple and tool-free installation.
- CRI > 90.
- Low installation depth 38 mm, diameter 85 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.
- dim2warm version (3,000 K - 1,800 K): if the luminaire is dimmed dimmed, the color temperature is reduced.
- Also available in static 3,000 K version.

| Article data | |
|---|---|
| Article no. | 12646153DW |
| GTIN | 4255752501435 |
| Series name | OLENI-R |
| Short description | LED Recessed spotlight, integrated converter trailing edge dimmable, dim2warm, with connection box |
| Material | Aluminium / Polycarbonate |
| Colour | nickel matt |
| Type of surface | Matt |
| Shape | Round |
| Outer diameter | 85 mm |
| Built-in diameter min. | 68 mm |
| Built-in diameter max. | 68 mm |
| Installation depth | 38 mm |
| Hight | 4 mm |
| Scope of delivery | incl. connection box for through-wiring, 3-pole |
| Weight | 0.156 kg |
| D licence plate | No |
| Conformance | CE, UKCA |

| Lighting technology | |
|---|---|
| Colour temperature | 3.000 K - 1.800 K |
| Light colour | white |
| Light output | Direct |
| Luminous flux | 380 lm |
| System efficiency | 56 lm/W |
| Colour rendering | CRI > 90 |
| Reflector | Faceted |
| Reflector colour | silver |
| Beam angle | 38° |
| Light sharing | Symmetric |
| Adjustable color temperature | Infinite control |

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| 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 | IP20 |
| 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 |
| Energy efficiency class | not required |

| Mounting technology | |
|---|---|
| Mounting method | Recessed mounting |
| Place of installation | Ceiling-mounted |
| Adjustability | Pivoted |
| Swivel angle | 20° |
| Max. ceiling thickness | 20 mm |
| Further references | No cover with thermal insulation material |
| Cover | Polycarbonat clear |
| Suitable for through-wiring | Yes |

| Packing data | |
|---|---|
| Gross weight | 0.206 kg |
| Length of packaging | 95 mm |
| Packaging width | 90 mm |
| Packaging hight | 75 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. |

| Optional accessories |
|---|
| Article no.: 81201150<br>Reducing ring D 110 mm, for luminaire cut-out size 68 mm<br><br>Dimensions: 110 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_81201150_2021_DE.pdf |
| Article no.: 81202150<br>Reducing ring D 130 mm, for luminaire cut-out size 68 mm<br><br>Dimensions: 130 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_81202150_2021_DE.pdf |
| Article no.: 81203150<br>Reducing ring D 145 mm, for luminaire cut-out size 68 mm<br><br>Dimensions: 145 mm<br>https://www.brumberg.com/fileadmin/products/Datenblatt_81203150_2021_DE.pdf |
| Article no.: 5327<br>Leaf spring set (2 pieces)<br><br>https://www.brumberg.com/fileadmin/products/Datenblatt_00532700_2021_DE.pdf |

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**OLENI-R LED Recessed spotlight, integrated converter trailing edge dimmable, dim2warm, with connection box**
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