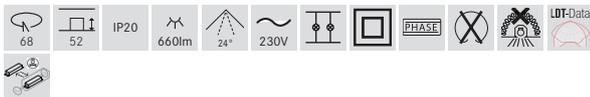
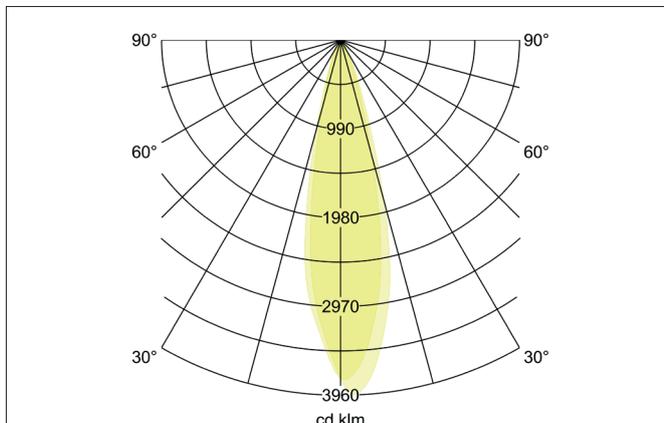
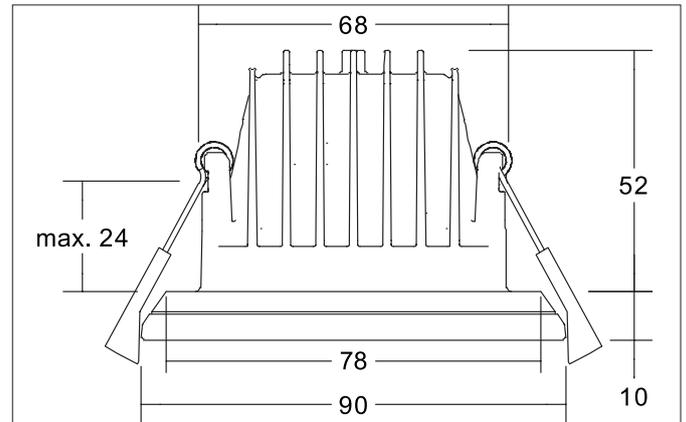



ZONDRA LED recessed downlight set, direct / indirect, trailing edge phase dimmable

Article no. 39338173


Tender

Round LED recessed downlight, direct/indirect, dimmable trailing edge, tool-free ceiling installation using installation springs. Ceiling cut-out \varnothing 68 mm, installation depth 52 mm, outer diameter 90 mm, weight 0.277 kg, silver reflector with rotationally symmetrical deep-wide beam light distribution. Structured plastic cover, with max: 10 W, supplied without light source. Housing material: aluminum / plastic, color: textured white, permissible ambient temperature (t_a): $-20\text{ }^{\circ}\text{C}$ - $+25\text{ }^{\circ}\text{C}$, protection class (EN 61140): II, degree of protection (DIN EN 60529): IP20. With electronic control gear, trailing edge dimmable with integrated strain relief.

Product Benefits

- Recessed downlight in round design made of solid aluminum.
- Ceiling cut-out 68 mm, outer diameter 78/90 mm, installation depth 52 mm, height 10 mm, maximum ceiling thickness 24 mm, Luminous flux 660 lm, direct/indirect light emission, IP20.
- Also available as a larger version (diameter 92/105 mm) and as a pure direct version with $\text{UGR}<16$ available in two sizes.
- Delivery includes dimmable phase cut-off converter.


ZONDRA LED recessed downlight set, direct / indirect, trailing edge phase dimmable

Article no. 39338173

| Article data | |
|------------------------|---|
| Article no. | 39338173 |
| GTIN | 4251433981510 |
| Series name | ZONDRA |
| Short description | LED recessed downlight set, direct / indirect, trailing edge phase dimmable |
| Material | Aluminium / Plastic |
| Colour | white structure |
| Type of surface | Structure |
| Shape | Round |
| Outer diameter | 90 mm |
| Built-in diameter min. | 67 mm |
| Built-in diameter max. | 68 mm |
| Installation depth | 52 mm |
| Hight | 10 mm |
| Weight | 0.277 kg |
| D licence plate | No |
| Conformance | CE, UKCA |

| Lighting technology | |
|------------------------------|-----------------|
| Colour temperature | 3.000 K |
| Light colour | white |
| Light output | Direct/Indirect |
| Luminous flux | 660 lm |
| System efficiency | 66 lm/W |
| Colour rendering | CRI > 80 |
| Reflector | Matt |
| Reflector colour | silver |
| Beam angle | 24° |
| Light sharing | Symmetric |
| Adjustable color temperature | No |

| Operating technology of the luminaire | |
|---------------------------------------|---------------------|
| System output | 10 W |
| Voltage type | AC |
| AC nominal voltage max | 230 V |
| Frequency max | 50 Hz |
| Lamp | LED |
| Protection class | II |
| Degree of protection | IP20 |
| Dimmable | Yes |
| Control | Trailing-edge phase |
| Bulb change possible | Yes |
| 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 | Not adjustable |
| Max. ceiling thickness | 24 mm |
| Further references | No cover with thermal insulation material |
| Material cover | Plastic, structured |
| Circlip | Without circlip |
| Suitable for through-wiring | Yes, with optional accessories |


ZONDRA LED recessed downlight set, direct / indirect, trailing edge phase dimmable

Article no. 39338173

| Packing data | |
|-------------------------|--|
| Gross weight | 0.317 kg |
| Length of packaging | 115 mm |
| Packaging width | 105 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.: 81201170 Reducing ring D 110 mm, for luminaire cut-out size 68 mm | |
| Dimensions: 110 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81201170_2021_DE.pdf | |
| Article no.: 81202170 Reducing ring D 130 mm, for luminaire cut-out size 68 mm | |
| Dimensions: 130 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81202170_2021_DE.pdf | |
| Article no.: 81203170 Reducing ring D 145 mm, for luminaire cut-out size 68 mm | |
| Dimensions: 145 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81203170_2021_DE.pdf | |
| Article no.: 83330000 Connection box 230 V AC, 3-pole | |
| Dimensions: 85 mm x 35 mm x 30 mm https://www.brumberg.com/fileadmin/products/Datenblatt_83330000_2021_DE.pdf | |