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# BB33 LED-Einbaustrahlerset, Phasenabschnitt dimmbar, mit Anschlussbox

Article no. 39477183

## Tender

Round LED recessed spotlight set, trailing edge dimmable, with connection box, tool-free ceiling installation using installation springs. Ceiling cut-out Ø 68 mm, installation depth 38 mm, outer diameter 82 mm, weight 0.243 kg, silver reflector with rotationally symmetrical deep-wide beam light distribution. Cover PC (polycarbonate) transparent, rated luminous flux 680 lm, rated wattage 1 x 7 W, light color warm white, most similar color temperature (CCT) 3,000 K, general color rendering index CRI > 80, service life L70/B50 at 25 °C: 30,000 h, housing material: aluminum / polycarbonate, color: textured black, permissible ambient temperature (ta): -20 °C - +25 °C, protection class (EN 61140): II, degree of protection (DIN EN 60529): IP20. With electronic control gear, trailing edge dimmable.

**Product Benefits**

- LED-Einbaustrahler in runder Bauform aus massivem Aluminium mit LED-Modul 7 W (3.000 K) und phasendimmbarem Konverter.
- Anschlussbox 3-polig im Lieferumfang enthalten.
- Deckenausschnitt 68 mm, Durchmesser 82 mm, Einbautiefe 38 mm, IP20.
- Schwenkbereich 20°.
- Ohne sichtbaren Sprengring.
- Klassische, formal zurückgenommene Formgebung.
- In gleicher Optik auch als schaltbares oder dimmbares Set DALI lieferbar.
- Zudem in gleicher Oberflächenstruktur und in gleicher Farbe auch in Ausführung quadratisch verfügbar.

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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| Article data | |
|---|---|
| Article no. | 39477183 |
| GTIN | 4251433997603 |
| Series name | BB33 |
| Short description | LED-Einbaustrahlerset, Phasenabschnitt dimmbar, mit Anschlussbox |
| Material | Aluminium / Polycarbonate |
| Colour | Black |
| Type of surface | Structure |
| Shape | Round |
| Outer diameter | 82 mm |
| Built-in diameter | 68 mm |
| Installation depth | 38 mm |
| Hight | 3 mm |
| Scope of delivery | inkl. Anschlussbox, 3-polig zur Durchgangsverdrahtung |
| Weight | 0.243 kg |
| Conformance | CE, UKCA |

| Lighting technology | |
|---|---|
| Colour temperature | 3.000 K |
| Light colour | White |
| Light output | Direct |
| Luminous flux | 680 lm |
| System efficiency | 97 lm/W |
| Colour rendering | CRI > 80 |
| Reflector | Faceted |
| Reflector colour | silver |
| Beam angle | 40° |
| Light sharing | Symmetric |
| Adjustable color temperature | No |

| Operating technology of the luminaire | |
|---|---|
| Power | 6 W |
| Voltage type | DC |
| Current | 350 mA |
| Lamp | LED |
| Protection class | III |
| Degree of protection | IP20 |
| Rated life time L70/B50 at 25 °C | 30,000 h |

| Operating technology of driver | |
|---|---|
| Article No. of used driver | 17663010 |
| Length | 110 mm |
| Width | 50 mm |
| Hight | 19 mm |
| AC nominal voltage min | 198 V |
| AC nominal voltage max | 264 V |
| Frequency max | 60 Hz |
| Dimmable | Yes |
| Control | Trailing-edge phase |
| Starting current | 1 A, 15,2 µs |
| Power min | 2.8 W |
| Power | 7 W |
| Output current | 350 mA |
| Degree of protection | IP20 |
| Protection class | II |
| Flicker-free | Yes |

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| Mounting technology | |
|---|---|
| Mounting method | Recessed mounting |
| Place of installation | Ceiling-mounted |
| Adjustability | Pivoted |
| Swivel angle | 20° |
| Max. ceiling thickness | 15 mm |
| Further references | No cover with thermal insulation material |
| Material cover | Polycarbonat clear |
| Suitable for through-wiring | Yes |

| Packing data | |
|---|---|
| Gross weight | 0.276 kg |
| Length of packaging | 95 mm |
| Packaging width | 75 mm |
| Packaging hight | 95 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.: 81201180<br>Reduzierring D = 110 mm, für Leuchtenausschnittsmaß = 68 mm<br><br>https://www.brumberg.com/fileadmin/products/Datenblatt_81201180_2021_DE.pdf |
| Article no.: 81202180<br>Reduzierring D = 130 mm, für Leuchtenausschnittsmaß = 68 mm<br><br>https://www.brumberg.com/fileadmin/products/Datenblatt_81202180_2021_DE.pdf |
| Article no.: 81203180<br>Reduzierring D = 145 mm, für Leuchtenausschnittsmaß = 68 mm<br><br>https://www.brumberg.com/fileadmin/products/Datenblatt_81203180_2021_DE.pdf |

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