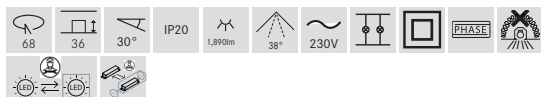
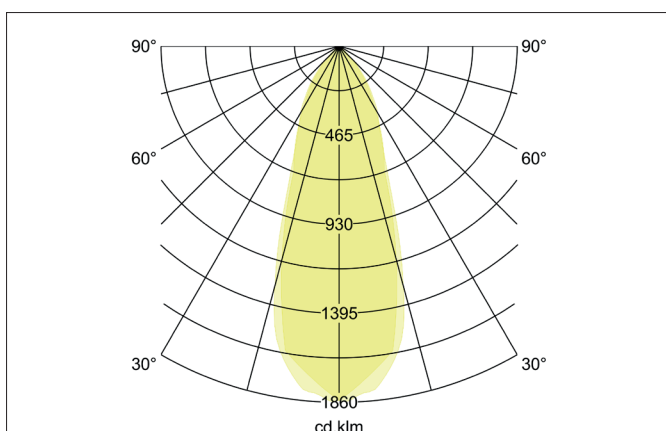
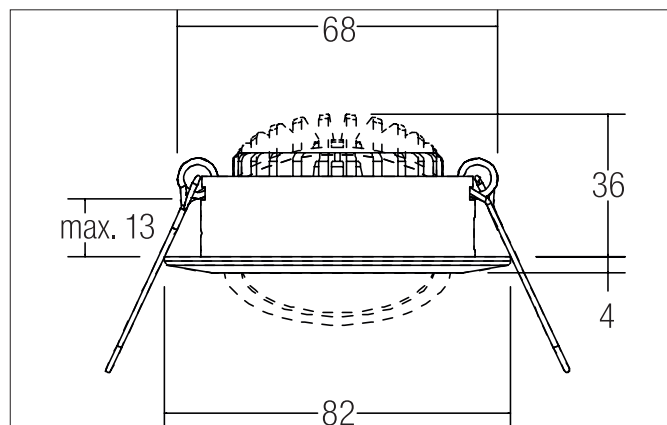


# BB03 LED-Einbaustrahler set bestehend aus drei Leuchten, einem Konverter Phasenabschnitt dimmbar, mit Anschlussbox und drei Verbindungsleitungen 2.000 mm

Article no. 39463153S3



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## Tender

Round LED recessed spotlight set consisting of three lights, one dimmable trailing edge phase converter, with connection box and three 2,000 mm connecting cables, tool-free ceiling installation using installation springs. Ceiling cut-out Ø 68 mm, installation depth 36 mm, outer diameter 82 mm, weight 0.49 kg, silver reflector with rotationally symmetrical deep-wide beam light distribution. Cover PC (polycarbonate) transparent, rated luminous flux 1,890 lm, rated wattage 3 x 18 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, service life L80/B20 at 25 °C: 50,000 h, housing material: aluminum / polycarbonate, color: nickel, 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 Aluminium mit LED-Modul 6 W (3.000 K) und phasendimmbarem Konverter.
- Anschlussbox 3-polig im Lieferumfang enthalten.
- Set bestehend aus drei Leuchten, einem Konverter Phasenabschnitt dimmbar, mit Anschlussbox und drei Verbindungsleitungen 2.000 mm.
- Deckenausschnitt 68 mm, Durchmesser 82 mm, Einbautiefe 36 mm, IP20.
- Schwenkbereich 30°.
- Ohne sichtbaren Sprengring.
- Klassische, formal zurückgenommene Formgebung.

**BB03 LED-Einbaustrahlerset bestehend aus drei Leuchten, einem Konverter Phasenabschnitt dimmbar, mit Anschlussbox und drei Verbindungsleitungen 2.000 mm**  
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| Article data       |   |
|--------------------|---|
| Article no.        | 39463153S3  |
| GTIN               | 4251433998556   |
| Series name        | BB03  |
| Short description  | LED-Einbaustrahlerset bestehend aus drei Leuchten, einem Konverter Phasenabschnitt dimmbar, mit Anschlussbox und drei Verbindungsleitungen 2.000 mm                           |
| Material           | Aluminium / Polycarbonate   |
| Colour             | Nickel  |
| Type of surface    | Matt  |
| Shape              | Round   |
| Outer diameter     | 82 mm   |
| Built-in diameter  | 68 mm   |
| Installation depth | 36 mm   |
| Hight              | 4 mm  |
| Scope of delivery  | inkl. einer Anschlussbox, 3-polig zur Durchgangsverdrahtung und drei Verlängerungsleitungen 2.000 mm zur Installation einer Anlage mit drei Einzelleuchten in Reihenschaltung |
| Weight             | 0.49 kg   |
| Conformance        | CE, UKCA  |

| Lighting technology          |           |
|------------------------------|-----------|
| Colour temperature           | 3.000 K   |
| Light colour                 | White     |
| Light output                 | Direct    |
| Luminous flux                | 1,890 lm  |
| System efficiency            | 105 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 |  |
|---------------------------------------|--|
| System output                         | 18 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                  | 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      | 30,000 h   |
| Rated life time L80/B20 at 25 °C      | 50.000 h   |
| Energy efficiency class               | nicht erforderlich   |

| Mounting technology         |   |
|-----------------------------|---|
| Mounting method             | Recessed mounting                         |
| Place of installation       | Ceiling-mounted                           |
| Adjustability               | Pivoted                                   |
| Swivel angle                | 30°                                       |
| Max. ceiling thickness      | 13 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            | 0.609 kg   |
| Length of packaging     | 140 mm   |
| Packaging width         | 110 mm   |
| Packaging height        | 120 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.: 81201150<br>Reduzierring D = 110 mm, für Leuchtenausschnittsmaß = 68 mm | <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81201150_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81201150_2021_DE.pdf</a> |
| Article no.: 81202150<br>Reduzierring D = 130 mm, für Leuchtenausschnittsmaß = 68 mm | <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81202150_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81202150_2021_DE.pdf</a> |
| Article no.: 81203150<br>Reduzierring D = 145 mm, für Leuchtenausschnittsmaß = 68 mm | <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81203150_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81203150_2021_DE.pdf</a> |
| Article no.: 5327<br>Blattfeder-Set  | <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_00532700_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_00532700_2021_DE.pdf</a> |