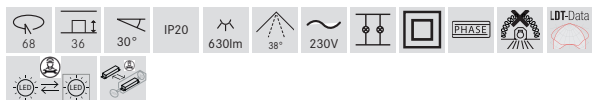
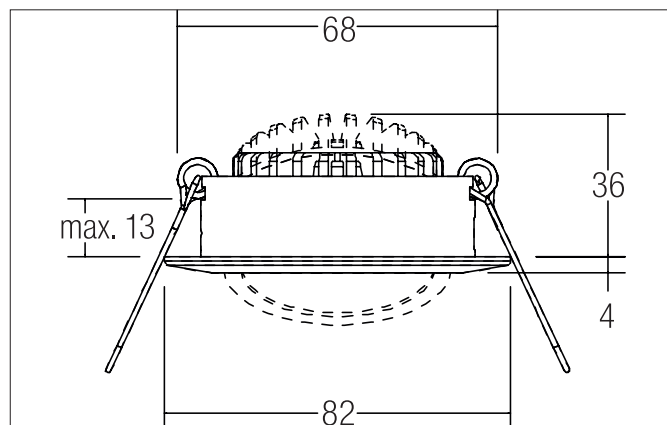



**BB03 LED recessed spotlight set, trailing-edge phase dimmer (round converter), with connection box**

Article no. 40463173


**Tender**

LED recessed spotlight set, trailing-edge phase dimmer (round converter), with connection box, Round. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 68 mm, Installation depth 36 mm, Outer diameter 82 mm, Weight 0,182 kg, Reflector silver with rotatonssymmetrical, deep, wide distributed light intensity. Cover polycarbonat clear Luminous flux 630 lm, Power 1 x 6 W, Light colour warm white, Correlated color temprature (CCT) 3.000 K, Colour rendering index CRI > 80, Rated life time L80/B20 at 25 °C: 50.000 h, Housing material: Aluminium / Polycarbonate, Colour: white structure, 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.

**Product Benefits**

- LED recessed spotlight in round aluminum design with LED module 6 W (3,000 K) and phase-dimmable round converter.
- 3-pin connection box included in the scope of delivery.
- Ceiling cut-out 68 mm, diameter 82 mm, installation depth 36 mm, IP20.
- Swivel range 30°.
- Without visible snap ring.
- Classic, minimalist design.
- Also available in the same look as a switchable or dimmable DALI set.
- Also available with the same surface structure and in the same color also available in a square version.


**BB03 LED recessed spotlight set, trailing-edge phase dimmer  
 (round converter), with connection box**

Article no. 40463173

| Article data           |                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------|
| Article no.            | 40463173                                                                                      |
| GTIN                   | 4251433996699                                                                                 |
| Series name            | BB03                                                                                          |
| Short description      | LED recessed spotlight set, trailing-edge phase dimmer (round converter), with connection box |
| Material               | Aluminium / Polycarbonate                                                                     |
| Colour                 | white structure                                                                               |
| Type of surface        | Structure                                                                                     |
| Shape                  | Round                                                                                         |
| Outer diameter         | 82 mm                                                                                         |
| Built-in diameter min. | 68 mm                                                                                         |
| Built-in diameter max. | 68 mm                                                                                         |
| Installation depth     | 36 mm                                                                                         |
| Hight                  | 4 mm                                                                                          |
| Scope of delivery      | incl. connection box, 3-pole                                                                  |
| Weight                 | 0.182 kg                                                                                      |
| D licence plate        | No                                                                                            |
| Conformance            | CE, UKCA                                                                                      |

| Lighting technology          |           |
|------------------------------|-----------|
| Colour temperature           | 3.000 K   |
| Light colour                 | white     |
| Light output                 | Direct    |
| Luminous flux                | 630 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 |           |
|---------------------------------------|-----------|
| Outer diameter                        | 82 mm     |
| Lamp holder                           | Plug&Play |
| Power                                 | 6 W       |
| Voltage type                          | DC        |
| Current                               | 350 mA    |
| Lamp                                  | LED       |
| Protection class                      | III       |
| Degree of protection                  | IP20      |

| Operating technology of driver |                     |
|--------------------------------|---------------------|
| Article No. of used driver     | 17652020            |
| Hight                          | 24 mm               |
| AC nominal voltage min         | 200 V               |
| AC nominal voltage max         | 264 V               |
| Frequency max                  | 60 Hz               |
| Dimmable                       | Yes                 |
| Control                        | Trailing-edge phase |
| Starting current               | 3 A, 100 µs         |
| Power min                      | 4.9 W               |
| Power                          | 7 W                 |
| Output current                 | 350 mA              |
| Degree of protection           | IP20                |
| Protection class               | II                  |
| Flicker-free                   | Yes                 |



**BB03 LED recessed spotlight set, trailing-edge phase dimmer  
(round converter), with connection box**  
 Article no. 40463173

| 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                                       |

| Packing data            |                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gross weight            | 0.218 kg                                                                                                                                                                                                                                                                                                                                                                       |
| Length of packaging     | 95 mm                                                                                                                                                                                                                                                                                                                                                                          |
| Packaging width         | 75 mm                                                                                                                                                                                                                                                                                                                                                                          |
| Packaging height        | 95 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<br>Reducing ring D 110 mm, for luminaire cut-out size 68 mm                                                                                                           |  |
| Dimensions: 110 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81201170_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81201170_2021_DE.pdf</a> |  |
| Article no.: 81202170<br>Reducing ring D 130 mm, for luminaire cut-out size 68 mm                                                                                                           |  |
| Dimensions: 130 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81202170_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81202170_2021_DE.pdf</a> |  |
| Article no.: 81203170<br>Reducing ring D 145 mm, for luminaire cut-out size 68 mm                                                                                                           |  |
| Dimensions: 145 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81203170_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81203170_2021_DE.pdf</a> |  |