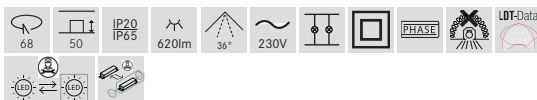
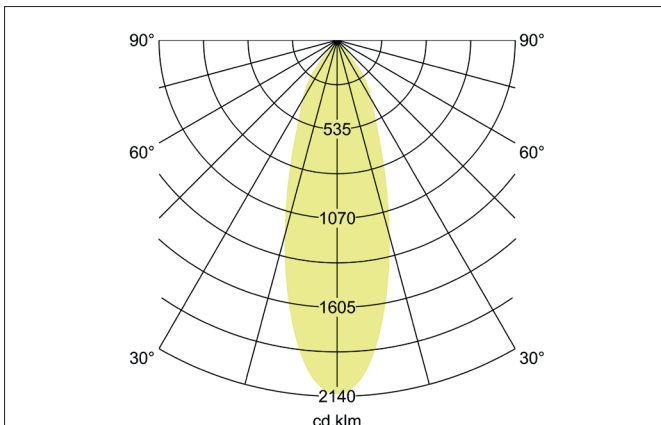
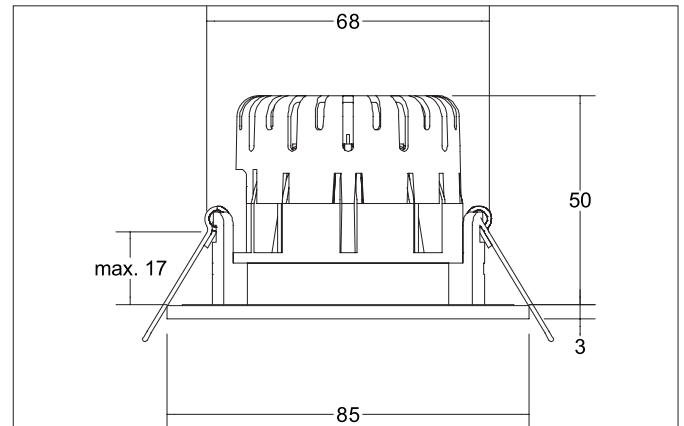




**BB20 LED recessed downlight set, IP65, trailing-edge phase dimmer (round converter), with connection box**  
Article no. 40480153AB



#### Tender

LED recessed downlight set, IP65, trailing-edge phase dimmer (round converter), with connection box, Round. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 68 mm, Installation depth 50 mm, Outer diameter 85 mm, Weight 0,203 kg, Reflector silver with rotationssymmetrical, deep, wide distributed light intensity. Cover plastic, transparent. Luminous flux 620 lm, Power 1 x 7 W, Light colour warm white, Correlated color temprature (CCT) 3.000 K, Colour rendering index CRI > 80, Rated life time L70/B50 at 25 °C: 30.000 h, Rated life time L80/B20 at 25 °C: 50.000 h, Housing material: Aluminium / Silicone rubber / PMMA, Colour: nickel matt, Permissible ambient temperature (ta): -20 °C up to +25 °C, Protection class (EN 61140): II, Degree of protection (DIN EN 60529): IP65. With electronic driver, Trailing-edge phase dimmable.

#### Product Benefits

- LED recessed downlight in round design made of solid aluminum for indoor use with built-in LED module 6 W (3,000 K) and phase-dimmable phase-dimmable round converter.
- Supplied with 3-pole connection box.
- Ceiling cut-out 68 mm, diameter 85 mm, installation depth 50 mm, Protection class IP65 on the room side (for installation in closed ceilings).
- Classic, formally restrained design.
- In the same surface structure and in the same color also via DALI dimmable, switchable and available in a square version.


**BB20 LED recessed downlight set, IP65, trailing-edge phase dimmer (round converter), with connection box**

Article no. 40480153AB

| Article data           |                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------|
| Article no.            | 40480153AB                                                                                          |
| GTIN                   | 4251433997481                                                                                       |
| Series name            | BB20                                                                                                |
| Short description      | LED recessed downlight set, IP65, trailing-edge phase dimmer (round converter), with connection box |
| Material               | Aluminium / Silicone rubber / PMMA                                                                  |
| Colour                 | nickel matt                                                                                         |
| Type of surface        | Matt                                                                                                |
| Shape                  | Round                                                                                               |
| Outer diameter         | 85 mm                                                                                               |
| Built-in diameter min. | 65 mm                                                                                               |
| Built-in diameter max. | 68 mm                                                                                               |
| Installation depth     | 50 mm                                                                                               |
| Hight                  | 3 mm                                                                                                |
| Scope of delivery      | incl. connection box, 3-pole                                                                        |
| Weight                 | 0.203 kg                                                                                            |
| D licence plate        | No                                                                                                  |
| Conformance            | CE, UKCA                                                                                            |

| Lighting technology          |           |
|------------------------------|-----------|
| Colour temperature           | 3.000 K   |
| Light colour                 | white     |
| Light output                 | Direct    |
| Luminous flux                | 620 lm    |
| System efficiency            | 89 lm/W   |
| Colour rendering             | CRI > 80  |
| Reflector                    | Faceted   |
| Reflector colour             | silver    |
| Beam angle                   | 36°       |
| Light sharing                | Symmetric |
| Adjustable color temperature | No        |

| Operating technology of the luminaire |          |
|---------------------------------------|----------|
| Outer diameter                        | 85 mm    |
| Power                                 | 6 W      |
| Voltage type                          | DC       |
| Current                               | 350 mA   |
| Lamp                                  | LED      |
| Protection class                      | III      |
| Degree of protection                  | IP65     |
| Rated life time L70/B50 at 25 °C      | 30,000 h |

| Operating technology of driver |          |
|--------------------------------|----------|
| Article No. of used driver     | 17652001 |
| Power min                      | 4.9 W    |
| Power                          | 7 W      |

| Mounting technology         |                                           |
|-----------------------------|-------------------------------------------|
| Mounting method             | Recessed mounting                         |
| Place of installation       | Ceiling-mounted                           |
| Adjustability               | Not adjustable                            |
| Max. ceiling thickness      | 17 mm                                     |
| Further references          | No cover with thermal insulation material |
| Material cover              | Plastic, transparent                      |
| Suitable for through-wiring | Yes                                       |


**BB20 LED recessed downlight set, IP65, trailing-edge phase dimmer (round converter), with connection box**

Article no. 40480153AB

| Packing data            |                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gross weight            | 0.246 kg                                                                                                                                                                                                                                                                                                                                                                       |
| Length of packaging     | 115 mm                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging width         | 95 mm                                                                                                                                                                                                                                                                                                                                                                          |
| Packaging height        | 80 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>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_81201150_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81201150_2021_DE.pdf</a> |  |
| Article no.: 81202150<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_81202150_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81202150_2021_DE.pdf</a> |  |
| Article no.: 81203150<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_81203150_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81203150_2021_DE.pdf</a> |  |