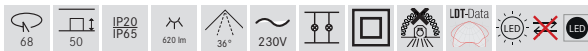
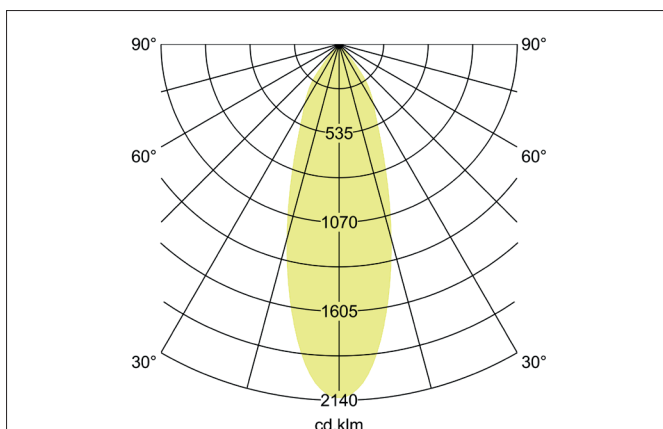
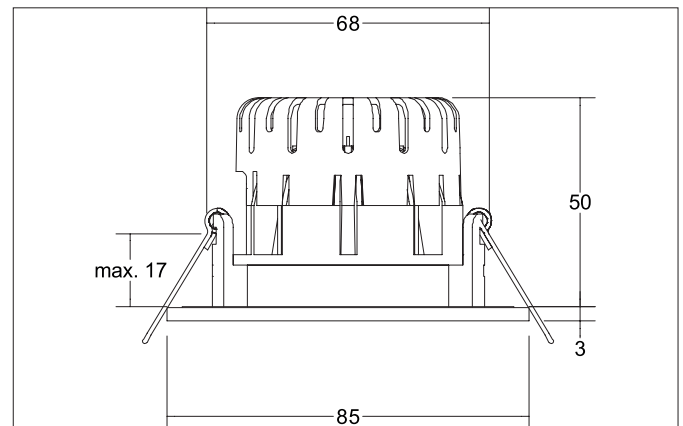



**BB20 LED recessed downlight set, IP65, on/off switchable**

Article no. 38480153


**Tender**

LED recessed downlight set, IP65, on/off switchable, Round. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 68 mm, Installation depth 50 mm, Outer diameter 85 mm, Weight 0,176 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 temperature (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, on/off switchable.

**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 switchable switchable converter.
- 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.
- Also available in the same surface structure and color dimmable via trailing edge or DALI and available in a square square version available.


**BB20 LED recessed downlight set, IP65, on/off switchable**  
 Article no. 38480153

| Article data           |                                                     |
|------------------------|-----------------------------------------------------|
| Article no.            | 38480153                                            |
| GTIN                   | 4251433948384                                       |
| Series name            | BB20                                                |
| Short description      | LED recessed downlight set, IP65, on/off switchable |
| 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                                                |
| Weight                 | 0.176 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 light source |          |
|------------------------------------------|----------|
| 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 |


**BB20 LED recessed downlight set, IP65, on/off switchable**  
 Article no. 38480153

| Operating technology of driver |             |
|--------------------------------|-------------|
| Article No. of used driver     | 17662010    |
| Length                         | 68 mm       |
| Width                          | 35 mm       |
| Hight                          | 21 mm       |
| AC nominal voltage min         | 90 V        |
| AC nominal voltage max         | 264 V       |
| Frequency max                  | 63 Hz       |
| Dimmable                       | No          |
| Control                        | on/off      |
| Starting current               | 40 A, 50 µs |
| Power                          | 1 W         |
| Power                          | 7.2 W       |
| Output current up to           | 350 mA      |
| Degree of protection           | IP20        |
| Protection class               | II          |
| Flicker-free                   | Yes         |
| stamp                          | ENEC 18     |

| 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 |
| Cover                       | Plastic, transparent                      |
| Suitable for through-wiring | Yes, with optional accessories            |

| Packing data            |                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gross weight            | 0.213 kg                                                                                                                                                                                                                                                                                                                                                                       |
| Length of packaging     | 115 mm                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging width         | 95 mm                                                                                                                                                                                                                                                                                                                                                                          |
| Packaging hight         | 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> |

**BB20 LED recessed downlight set, IP65, on/off switchable**  
Article no. 38480153**Optional accessories**

Article no.: 83330000

Connection box 230 V AC, 3-pole

Dimensions: 85 mm x 35 mm x 30 mm

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Article no.: 81201150

Reducing ring D 110 mm, for luminaire cut-out size 68 mm

Dimensions: 110 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_81201150\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_81201150_2021_DE.pdf)

Article no.: 81202150

Reducing ring D 130 mm, for luminaire cut-out size 68 mm

Dimensions: 130 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_81202150\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_81202150_2021_DE.pdf)

Article no.: 81203150

Reducing ring D 145 mm, for luminaire cut-out size 68 mm

Dimensions: 145 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_81203150\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_81203150_2021_DE.pdf)

Article no.: 5327

Leaf spring set (2 pieces)

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