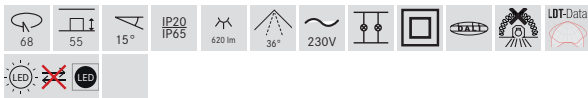
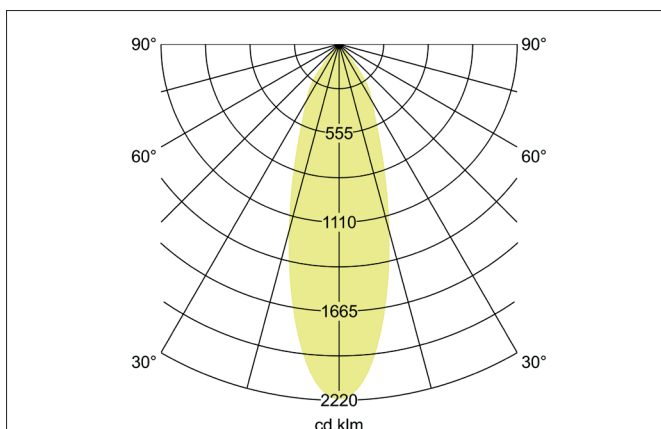
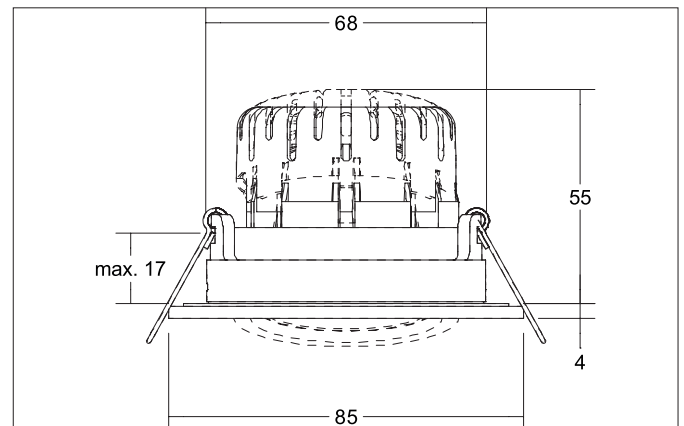




## BB23 LED recessed spot set, IP65, DALI dimmable incl. connection box

Article no. 41484183



### Tender

LED recessed spot set, IP65, DALI dimmable incl. connection box, Round. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 68 mm, Installation depth 55 mm, Outer diameter 85 mm, Weight 0,288 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: black structure, 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, DALI-2 dimmable.

### Product Benefits

- LED-Einbaustrahler in runder Bauform aus massivem Aluminium für den Innenbereich mit verbautem LED-Modul 6 W (3.000 K) und dimmbarem Konverter DALI.
- Auslieferung mit 5-poliger Anschlussbox.
- Deckenausschnitt 68 mm, Durchmesser 85 mm, Einbautiefe 55 mm, Schutzart raumseitig IP65 (bei Einbau in geschlossenen Decken).
- Klassische, formal zurückgenommene Formgebung.
- In gleicher Oberflächenstruktur und in gleicher Farbe auch über Phasenabschnitt dimmbar, schaltbar und in Ausführung quadratisch verfügbar.


**BB23 LED recessed spot set, IP65, DALI dimmable incl. connection box**

Article no. 41484183

| Article data           |                                                                 |
|------------------------|-----------------------------------------------------------------|
| Article no.            | 41484183                                                        |
| GTIN                   | 4251433948223                                                   |
| Series name            | BB23                                                            |
| Short description      | LED recessed spot set, IP65, DALI dimmable incl. connection box |
| Material               | Aluminium / Silicone rubber / PMMA                              |
| Colour                 | black structure                                                 |
| Type of surface        | Structure                                                       |
| Shape                  | Round                                                           |
| Outer diameter         | 85 mm                                                           |
| Built-in diameter min. | 65 mm                                                           |
| Built-in diameter max. | 68 mm                                                           |
| Installation depth     | 55 mm                                                           |
| Hight                  | 4 mm                                                            |
| Scope of delivery      | incl. connection box, 5-pole for through-wiring                 |
| Weight                 | 0.288 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 |


**BB23 LED recessed spot set, IP65, DALI dimmable incl. connection box**

Article no. 41484183

| Operating technology of driver |              |
|--------------------------------|--------------|
| Article No. of used driver     | 17684010     |
| Length                         | 130 mm       |
| Width                          | 42 mm        |
| Hight                          | 22 mm        |
| AC nominal voltage min         | 198 V        |
| AC nominal voltage max         | 264 V        |
| Frequency max                  | 63 Hz        |
| Dimmable                       | Yes          |
| Control                        | DALI-2/PUSH  |
| Starting current               | 1 A, 15,2 µs |
| Power                          | 2.8 W        |
| Power                          | 7 W          |
| Output current up to           | 350 mA       |
| Degree of protection           | IP20         |
| Protection class               | II           |
| Flicker-free                   | Yes          |
| stamp                          | ENEC 05 EL   |

| Mounting technology         |                                           |
|-----------------------------|-------------------------------------------|
| Mounting method             | Recessed mounting                         |
| Place of installation       | Ceiling-mounted                           |
| Adjustability               | Pivoted                                   |
| Swivel angle                | 15°                                       |
| Max. ceiling thickness      | 17 mm                                     |
| Further references          | No cover with thermal insulation material |
| Cover                       | Plastic, transparent                      |
| Suitable for through-wiring | Yes                                       |

| Packing data            |                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gross weight            | 0.362 kg                                                                                                                                                                                                                                                                                                                                                                       |
| Length of packaging     | 140 mm                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging width         | 110 mm                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging hight         | 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> |

**BB23 LED recessed spot set, IP65, DALI dimmable incl. connection box**

Article no. 41484183

**Optional accessories**

Article no.: 81201180

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

Dimensions: 110 mm

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Article no.: 81202180

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

Dimensions: 130 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_81202180\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_81202180_2021_DE.pdf)

Article no.: 81203180

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

Dimensions: 145 mm

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Article no.: 5327

Leaf spring set (2 pieces)

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