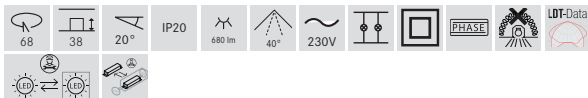
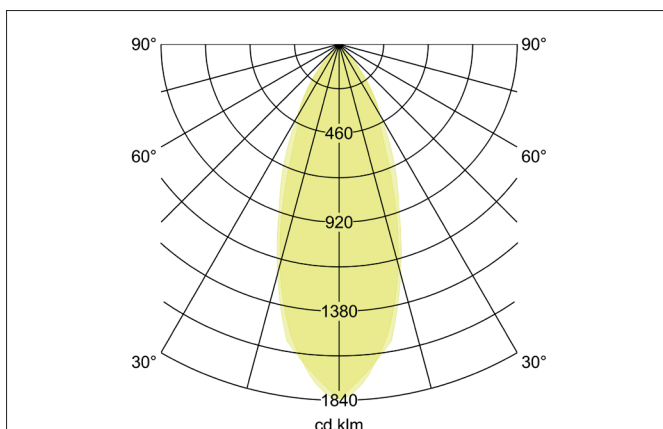
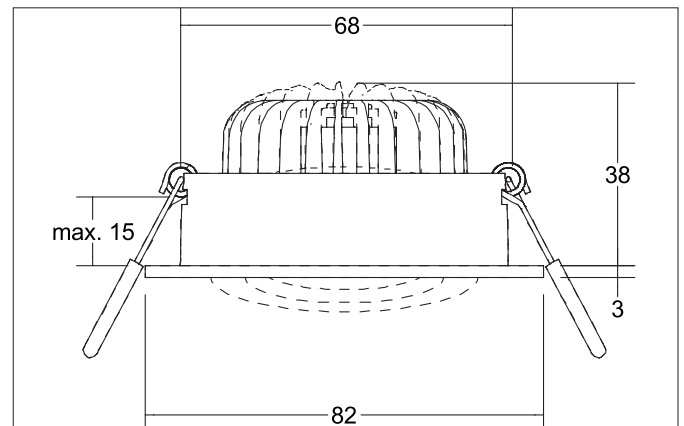




## BB34 LED recessed spot set, trailing-edge phase dimmable (round converter)

Article no. 40378183



### Tender

LED recessed spot set, trailing-edge phase dimmable (round converter), Round. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 68 mm, Installation depth 38 mm, Outer diameter 82 mm, Weight 0,207 kg, Reflector silver with rotationssymmetrical, deep, wide distributed light intensity. Cover polycarbonat clear Luminous flux 680 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, Housing material: Aluminium / Polycarbonate, Colour: black 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 design made of solid aluminum with LED module 7 W (3,000 K) and switchable converter.
- Ceiling cut-out 68 mm, diameter 82 mm, installation depth 38 mm, IP20.
- Pivoting range 20°.
- Without visible snap ring.
- Classic, formally restrained design.
- Also available as a dimmable set (trailing edge or DALI) with the same look.
- Also available with the same surface structure and in the same color also available in a square version.


**BB34 LED recessed spot set, trailing-edge phase dimmable  
 (round converter)**

Article no. 40378183

| Article data           |                                                                       |
|------------------------|-----------------------------------------------------------------------|
| Article no.            | 40378183                                                              |
| GTIN                   | 4251433948018                                                         |
| Series name            | BB34                                                                  |
| Short description      | LED recessed spot set, trailing-edge phase dimmable (round converter) |
| Material               | Aluminium / Polycarbonate                                             |
| Colour                 | black structure                                                       |
| Type of surface        | Structure                                                             |
| Shape                  | Round                                                                 |
| Outer diameter         | 82 mm                                                                 |
| Built-in diameter min. | 67 mm                                                                 |
| Built-in diameter max. | 68 mm                                                                 |
| Installation depth     | 38 mm                                                                 |
| Hight                  | 3 mm                                                                  |
| Weight                 | 0.207 kg                                                              |
| D licence plate        | No                                                                    |
| Conformance            | CE, UKCA                                                              |

| Lighting technology          |           |
|------------------------------|-----------|
| Colour temperature           | 3.000 K   |
| Light colour                 | white     |
| Light output                 | Direct    |
| Luminous flux                | 680 lm    |
| System efficiency            | 97 lm/W   |
| Colour rendering             | CRI > 80  |
| Reflector                    | Faceted   |
| Reflector colour             | silver    |
| Beam angle                   | 40°       |
| Light sharing                | Symmetric |
| Adjustable color temperature | No        |

| Operating technology of the luminaire |                                                                                                                                                          |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| System output                         | 7 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                                                                                                                                                 |
| Energy efficiency class               | not required                                                                                                                                             |

| Operating technology of the light source |          |
|------------------------------------------|----------|
| Outer diameter                           | 82 mm    |
| Power                                    | 6 W      |
| Voltage type                             | DC       |
| Current                                  | 350 mA   |
| Lamp                                     | LED      |
| Protection class                         | III      |
| Degree of protection                     | IP20     |
| Rated life time L70/B50 at 25 °C         | 30,000 h |


**BB34 LED recessed spot set, trailing-edge phase dimmable  
(round converter)**

Article no. 40378183

| Operating technology of driver |                     |
|--------------------------------|---------------------|
| Article No. of used driver     | 17652000            |
| Hight                          | 24 mm               |
| AC nominal voltage min         | 200 V               |
| AC nominal voltage max         | 264 V               |
| Frequency max                  | 63 Hz               |
| Dimmable                       | Yes                 |
| Control                        | Trailing-edge phase |
| Starting current               | 3 A, 100 µs         |
| Power                          | 4.9 W               |
| Power                          | 7 W                 |
| Output current up to           | 350 mA              |
| Degree of protection           | IP20                |
| Protection class               | II                  |
| Flicker-free                   | Yes                 |

| Mounting technology         |                                           |
|-----------------------------|-------------------------------------------|
| Mounting method             | Recessed mounting                         |
| Place of installation       | Ceiling-mounted                           |
| Adjustability               | Pivoted                                   |
| Swivel angle                | 20°                                       |
| Max. ceiling thickness      | 15 mm                                     |
| Further references          | No cover with thermal insulation material |
| Cover                       | Polycarbonat clear                        |
| Suitable for through-wiring | Yes, with optional accessories            |

| Packing data            |                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gross weight            | 0.243 kg                                                                                                                                                                                                                                                                                                                                                                       |
| Length of packaging     | 115 mm                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging width         | 86 mm                                                                                                                                                                                                                                                                                                                                                                          |
| Packaging hight         | 63 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> |

**BB34 LED recessed spot set, trailing-edge phase dimmable  
(round converter)**  
Article no. 40378183**Optional accessories**

Article no.: 81201180

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

Dimensions: 110 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_81201180\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_81201180_2021_DE.pdf)

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

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_81203180\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_81203180_2021_DE.pdf)

Article no.: 83330000

Connection box 230 V AC, 3-pole

Dimensions: 85 mm x 35 mm x 30 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_83330000\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_83330000_2021_DE.pdf)

Article no.: 5327

Leaf spring set (2 pieces)

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