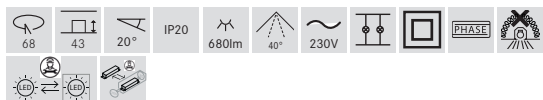



**BB37 LED recessed spot set, trailing-edge phase dimmable  
 (round converter)**

Article no. 40398183


**Tender**

LED recessed spot set, trailing-edge phase dimmable (round converter), Square. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 68 mm, Installation depth 43 mm, Length 82 mm, Width 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 temperature (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.


**BB37 LED recessed spot set, trailing-edge phase dimmable  
 (round converter)**

Article no. 40398183

| Article data           |                                                                       |
|------------------------|-----------------------------------------------------------------------|
| Article no.            | 40398183                                                              |
| GTIN                   | 4251433953272                                                         |
| Series name            | BB37                                                                  |
| Short description      | LED recessed spot set, trailing-edge phase dimmable (round converter) |
| Material               | Aluminium / Polycarbonate                                             |
| Colour                 | black structure                                                       |
| Type of surface        | Structure                                                             |
| Shape                  | Square                                                                |
| Length                 | 82 mm                                                                 |
| Width                  | 82 mm                                                                 |
| Built-in diameter min. | 67 mm                                                                 |
| Built-in diameter max. | 68 mm                                                                 |
| Installation depth     | 43 mm                                                                 |
| Hight                  | 4.5 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 |          |
|---------------------------------------|----------|
| 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 |

| 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                  | 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                 |


**BB37 LED recessed spot set, trailing-edge phase dimmable  
 (round converter)**

Article no. 40398183

| 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 |
| Material cover              | Polycarbonat clear                        |
| Suitable for through-wiring | Yes, with optional accessories            |

| Packing data            |                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gross weight            | 0.239 kg                                                                                                                                                                                                                                                                                                                                                                       |
| Length of packaging     | 115 mm                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging width         | 86 mm                                                                                                                                                                                                                                                                                                                                                                          |
| Packaging height        | 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> |

| Optional accessories                                                                                                                                                                                                                                                       |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Article no.: 83330000<br>Connection box 230 V AC, 3-pole<br><br>Dimensions: 85 mm x 35 mm x 30 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_83330000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_83330000_2021_DE.pdf</a> |  |