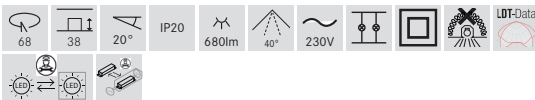
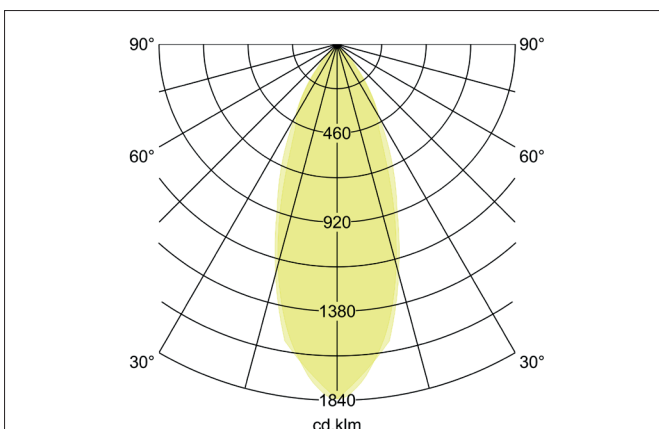
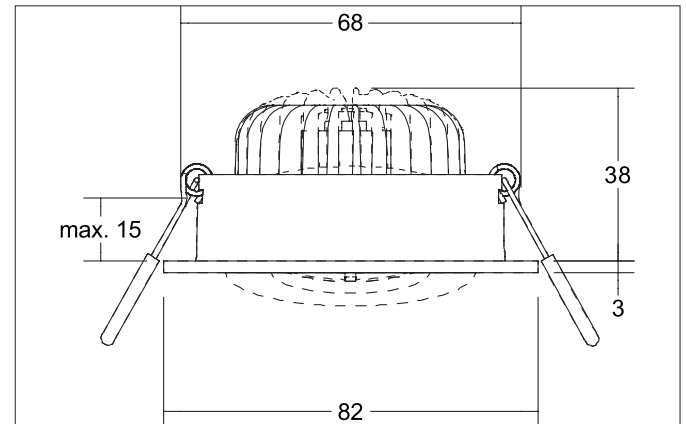



**BB33 LED recessed spot set, on/off switchable**

Article no. 38377183


**Tender**

LED recessed spot set, on/off switchable, Round. Toolless ceiling installation by installation springs. Ceiling cut-out  $\varnothing$  68 mm, Installation depth 38 mm, Outer diameter 82 mm, Weight 0,194 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, on/off switchable.

**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.


**BB33 LED recessed spot set, on/off switchable**

Article no. 38377183

Article data	
Article no.	38377183
GTIN	4251433947899
Series name	BB33
Short description	LED recessed spot set, on/off switchable
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	0.194 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	17662010
Width	35 mm
Hight	21 mm
AC nominal voltage min	90 V
AC nominal voltage max	264 V
Frequency max	60 Hz
Dimmable	No
Control	on/off
Starting current	40 A, 50 µs
Power min	1 W
Power	7.2 W
Output current	350 mA
Degree of protection	IP20
Protection class	II
Flicker-free	Yes


**BB33 LED recessed spot set, on/off switchable**

Article no. 38377183

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	0.228 kg
Length of packaging	115 mm
Packaging width	86 mm
Packaging height	63 mm
Disposal at end of life	This product must not be disposed of with household waste. You are obliged, to dispose of such electrical waste separately. 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.

Optional accessories	
Article no.: 81201180 Reducing ring D 110 mm, for luminaire cut-out size 68 mm	
Dimensions: 110 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81201180_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81201180_2021_DE.pdf</a>	
Article no.: 81202180 Reducing ring D 130 mm, for luminaire cut-out size 68 mm	
Dimensions: 130 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81202180_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81202180_2021_DE.pdf</a>	
Article no.: 81203180 Reducing ring D 145 mm, for luminaire cut-out size 68 mm	
Dimensions: 145 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81203180_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81203180_2021_DE.pdf</a>	
Article no.: 83330000 Connection box 230 V AC, 3-pole	
Dimensions: 85 mm x 35 mm x 30 mm <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>	