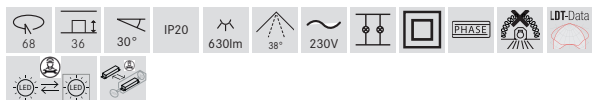
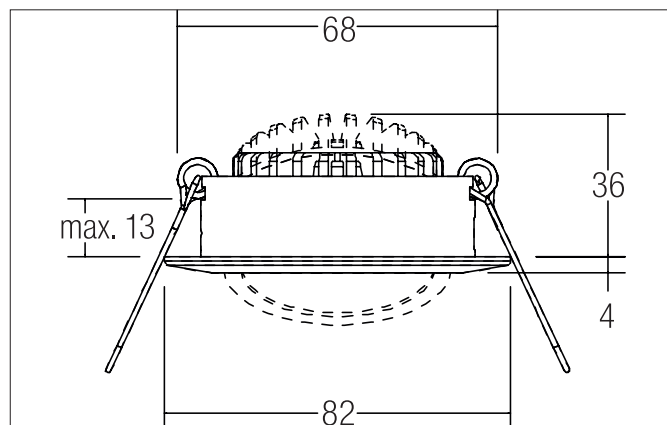



BB03 LED recessed spotlight set, trailing-edge phase dimmer (round converter), with connection box

Article no. 40463183


Tender

LED recessed spotlight set, trailing-edge phase dimmer (round converter), with connection box, Round. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 68 mm, Installation depth 36 mm, Outer diameter 82 mm, Weight 0,182 kg, Reflector silver with rotatonssymmetrical, deep, wide distributed light intensity. Cover polycarbonat clear Luminous flux 630 lm, Power 1 x 6 W, Light colour warm white, Correlated color temprature (CCT) 3.000 K, Colour rendering index CRI > 80, Rated life time L80/B20 at 25 °C: 50.000 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 aluminum design with LED module 6 W (3,000 K) and phase-dimmable round converter.
- 3-pin connection box included in the scope of delivery.
- Ceiling cut-out 68 mm, diameter 82 mm, installation depth 36 mm, IP20.
- Swivel range 30°.
- Without visible snap ring.
- Classic, minimalist design.
- Also available in the same look as a switchable or dimmable DALI set.
- Also available with the same surface structure and in the same color also available in a square version.


**BB03 LED recessed spotlight set, trailing-edge phase dimmer
 (round converter), with connection box**

Article no. 40463183

Article data	
Article no.	40463183
GTIN	4251433996705
Series name	BB03
Short description	LED recessed spotlight set, trailing-edge phase dimmer (round converter), with connection box
Material	Aluminium / Polycarbonate
Colour	black structure
Type of surface	Structure
Shape	Round
Outer diameter	82 mm
Built-in diameter min.	68 mm
Built-in diameter max.	68 mm
Installation depth	36 mm
Hight	4 mm
Scope of delivery	incl. connection box, 3-pole
Weight	0.182 kg
D licence plate	No
Conformance	CE, UKCA

Lighting technology	
Colour temperature	3.000 K
Light colour	white
Light output	Direct
Luminous flux	630 lm
System efficiency	105 lm/W
Colour rendering	CRI > 80
Reflector	Faceted
Reflector colour	silver
Beam angle	38°
Light sharing	Symmetric
Adjustable color temperature	No

Operating technology of the luminaire	
Outer diameter	82 mm
Lamp holder	Plug&Play
Power	6 W
Voltage type	DC
Current	350 mA
Lamp	LED
Protection class	III
Degree of protection	IP20

Operating technology of driver	
Article No. of used driver	17652020
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



**BB03 LED recessed spotlight set, trailing-edge phase dimmer
 (round converter), with connection box**
 Article no. 40463183

Mounting technology	
Mounting method	Recessed mounting
Place of installation	Ceiling-mounted
Adjustability	Pivoted
Swivel angle	30°
Max. ceiling thickness	13 mm
Further references	No cover with thermal insulation material
Material cover	Polycarbonat clear
Suitable for through-wiring	Yes

Packing data	
Gross weight	0.218 kg
Length of packaging	95 mm
Packaging width	75 mm
Packaging height	95 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 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	
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	