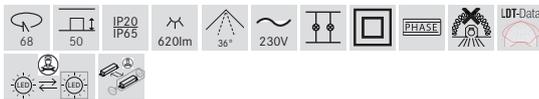
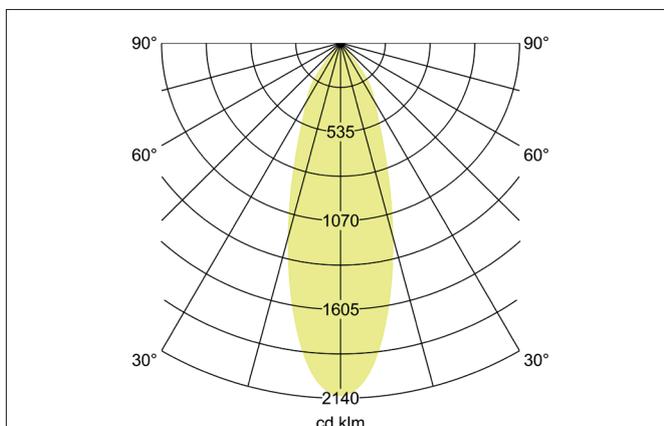
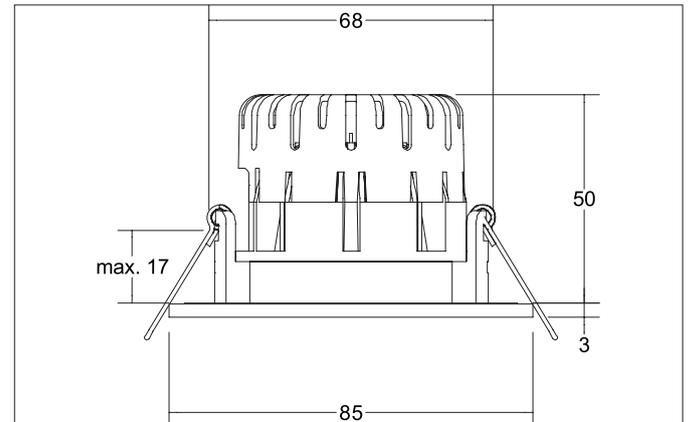



**BB20 LED recessed spotlight set, IP65, trailing-edge phase dimmer, with connection box**

Article no. 39480173AB


**Tender**

LED recessed spotlight set, IP65, trailing-edge phase dimmer, with connection box, Round. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 68 mm, Installation depth 50 mm, Outer diameter 85 mm, Weight 0,206 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: white 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, Trailing-edge phase dimmable.

**Product Benefits**

- LED recessed downlight in round design made of solid aluminum for indoor use with built-in LED module 6 W (3,000 K) and phase-dimmable phase dimmable converter.
- Supplied with 3-pole connection box.
- Ceiling cut-out 68 mm, diameter 85 mm, installation depth 50 mm, Protection class IP65 on the room side (for installation in closed ceilings).
- Classic, formally restrained design.
- In the same surface structure and in the same color also via DALI dimmable, switchable and available in a square version.


**BB20 LED recessed spotlight set, IP65, trailing-edge phase dimmer, with connection box**

Article no. 39480173AB

Article data	
Article no.	39480173AB
GTIN	4251433997351
Series name	BB20
Short description	LED recessed spotlight set, IP65, trailing-edge phase dimmer, with connection box
Material	Aluminium / Silicone rubber / PMMA
Colour	white 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	50 mm
Hight	3 mm
Scope of delivery	incl. connection box, 3-pole
Weight	0.206 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 luminaire	
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


**BB20 LED recessed spotlight set, IP65, trailing-edge phase dimmer, with connection box**

Article no. 39480173AB

Operating technology of driver	
Article No. of used driver	17663010
Length	110 mm
Width	50 mm
Hight	19 mm
AC nominal voltage min	198 V
AC nominal voltage max	264 V
Frequency max	60 Hz
Dimmable	Yes
Control	Trailing-edge phase
Starting current	1 A, 15,2 $\mu$ s
Power min	2.8 W
Power	7 W
Output current	350 mA
Degree of protection	IP20
Protection class	II
Flicker-free	Yes

Mounting technology	
Mounting method	Recessed mounting
Place of installation	Ceiling-mounted
Adjustability	Not adjustable
Max. ceiling thickness	17 mm
Further references	No cover with thermal insulation material
Material cover	Plastic, transparent
Suitable for through-wiring	Yes

Packing data	
Gross weight	0.255 kg
Length of packaging	95 mm
Packaging width	75 mm
Packaging hight	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.: 81201170 Reducing ring D 110 mm, for luminaire cut-out size 68 mm	
Dimensions: 110 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81201170_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81201170_2021_DE.pdf</a>	
Article no.: 81202170 Reducing ring D 130 mm, for luminaire cut-out size 68 mm	
Dimensions: 130 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81202170_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81202170_2021_DE.pdf</a>	
Article no.: 81203170 Reducing ring D 145 mm, for luminaire cut-out size 68 mm	
Dimensions: 145 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_81203170_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_81203170_2021_DE.pdf</a>	