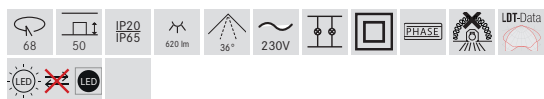
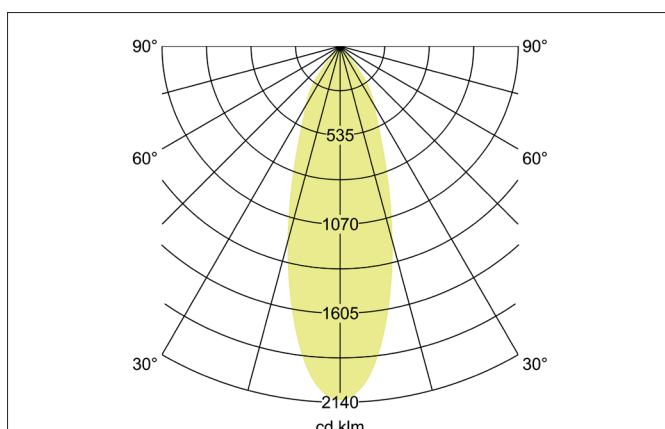
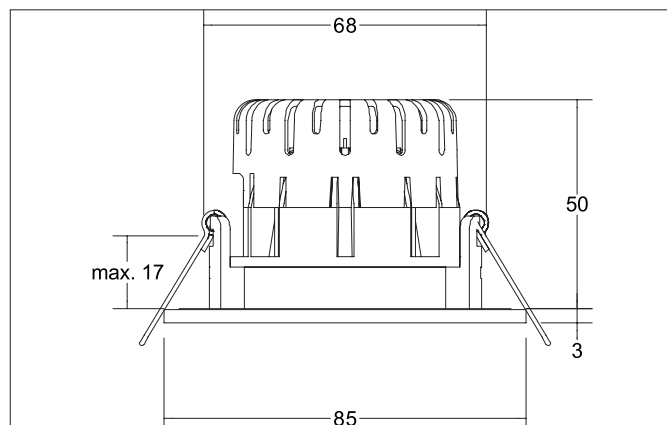



BB20 LED recessed downlight set, IP65, trailing-edge phase dimmable (round converter)

Article no. 40480153


Tender

LED recessed downlight set, IP65, trailing-edge phase dimmable (round converter), Round. Toolless ceiling installation by installation springs. Ceiling cut-out Ø 68 mm, Installation depth 50 mm, Outer diameter 85 mm, Weight 0,172 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: nickel matt, 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 round converter.
- 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 downlight set, IP65, trailing-edge phase dimmable (round converter)

Article no. 40480153

Article data	
Article no.	40480153
GTIN	4251433948445
Series name	BB20
Short description	LED recessed downlight set, IP65, trailing-edge phase dimmable (round converter)
Material	Aluminium / Silicone rubber / PMMA
Colour	nickel matt
Type of surface	Matt
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
Weight	0.172 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 light source	
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

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


BB20 LED recessed downlight set, IP65, trailing-edge phase dimmable (round converter)

Article no. 40480153

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
Cover	Plastic, transparent
Suitable for through-wiring	Yes, with optional accessories

Packing data	
Gross weight	0.215 kg
Length of packaging	115 mm
Packaging width	95 mm
Packaging height	80 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.: 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	
Article no.: 81201150	
Reducing ring D 110 mm, for luminaire cut-out size 68 mm	
Dimensions: 110 mm	
https://www.brumberg.com/fileadmin/products/Datenblatt_81201150_2021_DE.pdf	
Article no.: 81202150	
Reducing ring D 130 mm, for luminaire cut-out size 68 mm	
Dimensions: 130 mm	
https://www.brumberg.com/fileadmin/products/Datenblatt_81202150_2021_DE.pdf	
Article no.: 81203150	
Reducing ring D 145 mm, for luminaire cut-out size 68 mm	
Dimensions: 145 mm	
https://www.brumberg.com/fileadmin/products/Datenblatt_81203150_2021_DE.pdf	
Article no.: 5327	
Leaf spring set (2 pieces)	
https://www.brumberg.com/fileadmin/products/Datenblatt_00532700_2021_DE.pdf	