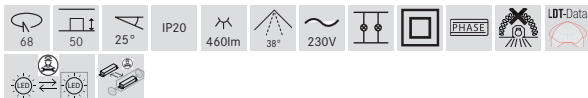
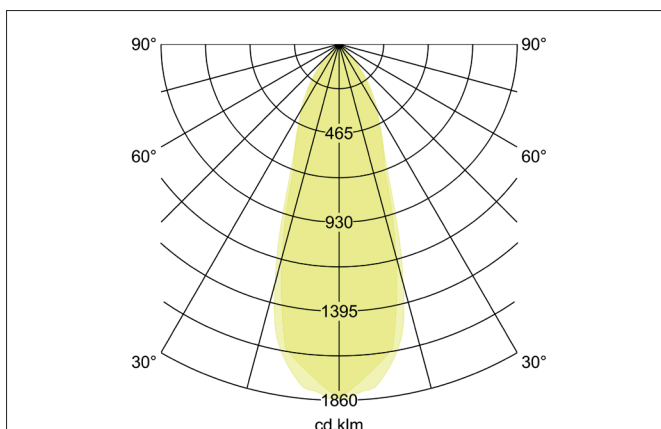
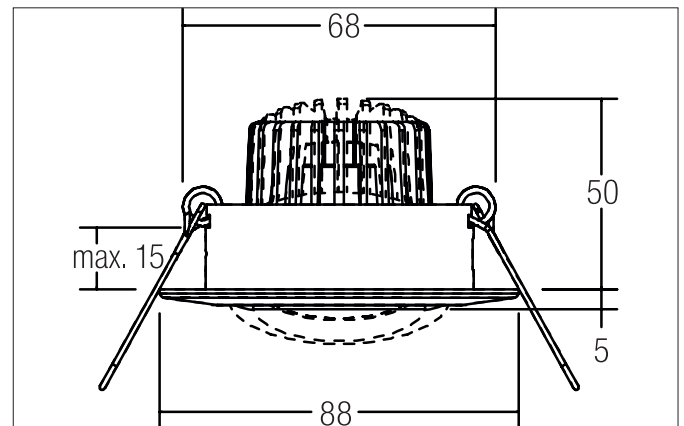



BB13 LED-Einbaustrahler, dim2warm, Phasenabschnitt dimmbar, mit Anschlussbox
 Article no. 39473173

Tender

Round LED recessed spotlight set, dim2warm, dimmable trailing edge, with connection box, tool-free ceiling installation using installation springs. Ceiling cut-out Ø 68 mm, installation depth 50 mm, outer diameter 88 mm, weight 0.327 kg, silver reflector with rotationally symmetrical deep-wide beam light distribution. Cover glass transparent, rated luminous flux 460 lm, rated wattage 1 x 6 W, light color warm white to warm white, most similar color temperature (CCT) 3,000 K - 1,800 K, general color rendering index CRI > 90, housing material: cast iron / aluminum / glass / plastic, color: textured white, permissible ambient temperature (ta): -20 °C - +25 °C, protection class (EN 61140): II, degree of protection (DIN EN 60529): IP20. With electronic control gear, trailing edge dimmable.

Product Benefits

- LED-Einbaustrahler in runder Bauform aus Zinkguss und Aluminiumguss mit LED-Modul 6 W (dim2warm, 3.000 K - 1.800 K) und phasendimmbarem Konverter.
- Anschlussbox 3-polig im Lieferumfang enthalten.
- Deckenausschnitt 68 mm, Durchmesser 88 mm, Einbautiefe 50 mm, IP20.
- Schwenkbereich 25°.
- Ohne sichtbaren Sprengring.
- Klassische, formal zurückgenommene Formgebung.
- Zudem in gleicher Oberflächenstruktur und in gleicher Farbe auch in Ausführung quadratisch verfügbar.


BB 13 LED-Einbaustrahlerset, dim2warm, Phasenabschnitt dimmbar, mit Anschlussbox
 Article no. 39473173

Article data	
Article no.	39473173
GTIN	4251433998099
Series name	BB13
Short description	LED-Einbaustrahlerset, dim2warm, Phasenabschnitt dimmbar, mit Anschlussbox
Material	Cast iron / Aluminium / Glass / Plastic
Colour	White
Type of surface	Structure
Shape	Round
Outer diameter	88 mm
Built-in diameter	68 mm
Installation depth	50 mm
Hight	5 mm
Scope of delivery	inkl. Anschlussbox, 3-polig zur Durchgangsverdrahtung
Weight	0.327 kg
Conformance	CE, UKCA

Lighting technology	
Colour temperature	3.000 K - 1.800 K
Light colour	White
Color Temperature 1	3,000 K
Light output	Direct
Luminous flux	460 lm
Luminous flux 1	460 lm
System efficiency	77 lm/W
Colour rendering	CRI > 90
Reflector	Faceted
Reflector colour	silver
Beam angle	38°
Light sharing	Symmetric
Adjustable color temperature	Infinite control

Operating technology of the luminaire	
Article No. of used light source	12963383
Hight	32 mm
Diameter	50 mm
Lamp holder	Plug&Play
Power	6 W
Voltage type	DC
Current	350 mA
Lamp	LED
Protection class	III
Degree of protection	IP20
Energy efficiency class	G
Bulb change possible	The light source of this luminaire may only be replaced by the manufacturer or a service technician commissioned by him or a similarly qualified person.


BB 13 LED-Einbaustrahlerset, dim2warm, Phasenabschnitt dimmbar, mit Anschlussbox

Article no. 39473173

Operating technology of driver	
Article No. of used driver	17663020
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 µs
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	Pivoted
Swivel angle	25°
Max. ceiling thickness	15 mm
Further references	No cover with thermal insulation material
Material cover	Glass transparent
Suitable for through-wiring	Yes

Packing data	
Gross weight	0.384 kg
Length of packaging	100 mm
Packaging width	100 mm
Packaging hight	100 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.: 81204170 Reducing ring D 110 mm, for luminaire cut-out size 68 mm	
https://www.brumberg.com/fileadmin/products/Datenblatt_81204170_2021_DE.pdf	
Article no.: 81205170 Reducing ring D 130 mm, for luminaire cut-out size 68 mm	
https://www.brumberg.com/fileadmin/products/Datenblatt_81205170_2021_DE.pdf	
Article no.: 81206170 Reducing ring D 145 mm, for luminaire cut-out size 68 mm	
https://www.brumberg.com/fileadmin/products/Datenblatt_81206170_2021_DE.pdf	