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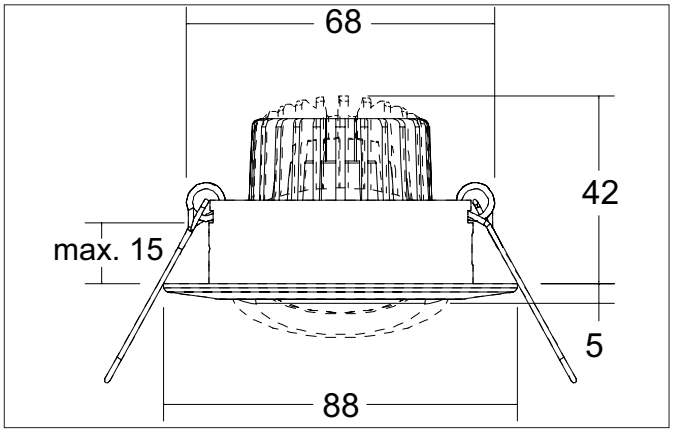
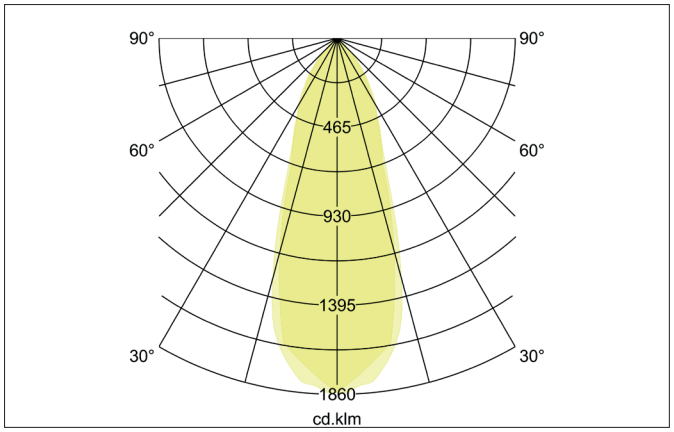
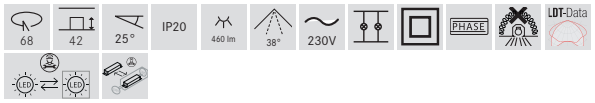
Light. Since 1873.

BB13 LED recessed spotlight set, dim2warm, trailing edge dimmable, with connection box

Article no. 39473023







Tender

LED recessed spotlight set, dim2warm, trailing edge dimmable, with connection box, Round.Toolless ceiling installation by installation springs. Ceiling cut-out Ø 68 mm, Installation depth 42 mm, Outer diameter 88 mm, Weight 0,277 kg, Reflector silver with rotattionssymmetrical, deep, wide distributed light intensity. Cover glass transparentLuminous flux 460 lm, Power 1 x 6 W, Light colour warm white to warm white, Correlated color temprature (CCT) 3.000 K - 1.800 K, Colour rendering index CRI > 90, Housing material: Cast iron / Aluminium / Glass / Plastic, Colour: chrome glossy, 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 design made of cast zinc and cast aluminum with 6 W LED module (dim2warm, 3,000 K - 1,800 K) and phase dimmable converter.
- 3-pin connection box included in the scope of delivery.
- Ceiling cut-out 68 mm, diameter 88 mm, installation depth 50 mm, IP20.
- Pivoting range 25°.
- Without visible snap ring.
- Classic, formally restrained design.
- Also available with the same surface structure and in the same color also available in a square version.

All technical data as well as, weight and measurements are based on rated values and had been carefully prepared. We reserve the right to make technical changes which are are important in progressing. Product pictures are examples and can vary from the original. Subject to errors.
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Article data	
Article no.	39473023
GTIN	4251433998051
Series name	BB13
Short description	LED recessed spotlight set, dim2warm, trailing edge dimmable, with connection box
Material	Cast iron / Aluminium / Glass / Plastic
Colour	chrome glossy
Type of surface	Glossy
Shape	Round
Outer diameter	88 mm
Built-in diameter min.	68 mm
Built-in diameter max.	68 mm
Installation depth	42 mm
Hight	5 mm
Scope of delivery	incl. connection box, 3-pole for through-wiring
Weight	0.277 kg
D licence plate	No
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 light source	
Article No. of used light source	12963383
Hight	32 mm
Outer diameter	51 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.

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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	63 Hz
Dimmable	Yes
Control	Trailing-edge phase
Starting current	1 A, 15,2 µs
Power	2.8 W
Power	7 W
Output current up to	350 mA
Degree of protection	IP20
Protection class	II
Flicker-free	Yes
stamp	ENEC 05

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
Cover	Glass transparent
Suitable for through-wiring	Yes

Packing data	
Gross weight	0.34 kg
Length of packaging	100 mm
Packaging width	100 mm
Packaging hight	100 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.

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Optional accessories
Article no.: 81204020 Reducing ring D 110 mm, for luminaire cut-out size 68 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81204020_2021_DE.pdf
Article no.: 81205020 Reducing ring D 130 mm, for luminaire cut-out size 68 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81205020_2021_DE.pdf
Article no.: 81206020 Reducing ring D 145 mm, for luminaire cut-out size 68 mm https://www.brumberg.com/fileadmin/products/Datenblatt_81206020_2021_DE.pdf
Article no.: 5327 Leaf spring set (2 pieces) https://www.brumberg.com/fileadmin/products/Datenblatt_00532700_2021_DE.pdf

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