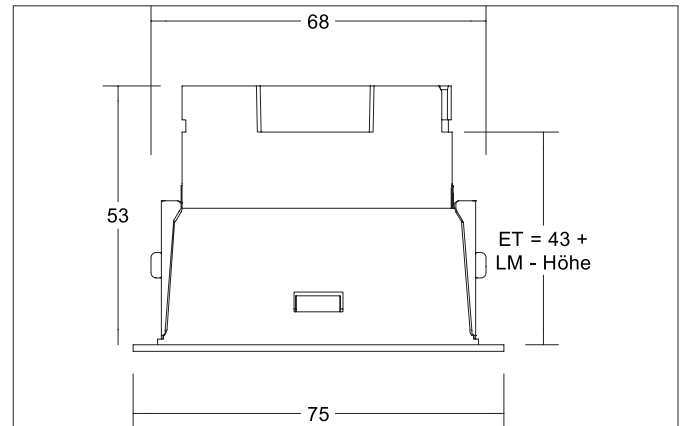


**BINATO LED recessed spot, rotatable and pivoted, without LED module**

Article no. 20173180


**Tender**

LED recessed spot, rotatable and pivoted, without LED module, black structure / inside black matt, Round. In a compact design, for installation in tool-less rapid assembly systems. All Brumberg MR16 LED modules can be used for the BINATO recessed unit. The installation depth of the luminaire depends on the LED module used in each case (here: 43 mm, plus height of the LED module). The LED module is not included in the scope of delivery of the flush-mount unit. Lamp holder: Without fitting, Mounting method: Recessed mounting, Place of installation: Ceiling-mounted, Material: Aluminium / Plastic, Degree of protection: according to DIN EN 60529 IP20, Protection class: (EN 61140) III, Power: 13 W, Adjustability: Rotatable and pivoted, without control gear, Dimmable: Depending on type of control gear, Control: Depending on driver.

**Product Benefits**

- High color variance.
- Rotatable and pivoted.
- Leaf spring mounting.
- Interchangeable inner ring with clear glass cover .
- Color variants black and white also available as complete set with trailing-edge phase dimmable converter or DALI converter.
- DALI variant with connection box in set.

**BINATO LED recessed spot, rotatable and pivoted, without LED module**

Article no. 20173180

Article data	
Article no.	20173180
GTIN	4251433981626
Series name	BINATO
Short description	LED recessed spot, rotatable and pivoted, without LED module
Material	Aluminium / Plastic
Colour	Black
Type of surface	Structure
Shape	Round
Outer diameter	75 mm
Built-in diameter	68 mm
Hight	2 mm
Scope of delivery	incl. leaf spring mounting
Weight	0.078 kg
Conformance	CE, UKCA

Lighting technology	
Colour temperature	Je nach verwendetem Brumberg MR16-LED-Modul
Light output	Direct
Light sharing	Symmetric
Adjustable color temperature	No

Operating technology of the luminaire	
System output	13 W
Voltage type	DC
Lamp	For LED
Lamp holder	Without fitting
Protection class	III
Degree of protection	IP20
Dimmable	Depending on type of control gear
Control	Depending on driver

Mounting technology	
Mounting method	Recessed mounting
Place of installation	Ceiling-mounted
Adjustability	Rotatable and pivoted
Swivel angle	30°
Rotation angle	355°
Max. ceiling thickness	25 mm
Further references	No cover with thermal insulation material
Material cover	Glass transparent
Circlip	Without circlip

Packing data	
Gross weight	0.11 kg
Length of packaging	85 mm
Packaging width	85 mm
Packaging hight	70 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>

**BINATO LED recessed spot, rotatable and pivoted, without LED module**

Article no. 20173180

Compatible LED-modu-							
Article no.	Power	Beam angle	Colour temperature	Colour rendering	Luminous flux	Input	Hight LED-Modul
12925003	3 W	38°	2.700 K	CRI > 80	290 lm	350 mA	40 mm
12926003	3 W	38°	3.000 K	CRI > 80	310 lm	350 mA	40 mm
12925004	3 W	38°	4.000 K	CRI > 80	340 lm	350 mA	40 mm
12923383	6 W	38°	2.700 K	CRI > 80	740 lm	350 mA	32 mm
12923603	6 W	60°	2.700 K	CRI > 80	720 lm	350 mA	32 mm
12927383	6 W	38°	2.700 K	CRI > 90	600 lm	350 mA	32 mm
12924383	6 W	38°	3.000 K	CRI > 80	730 lm	350 mA	32 mm
12924603	6 W	60°	3.000 K	CRI > 80	770 lm	350 mA	32 mm
12928383	6 W	38°	3.000 K	CRI > 90	680 lm	350 mA	32 mm
12924384	6 W	38°	3.500 K	CRI > 80	730 lm	350 mA	32 mm
12924604	6 W	60°	3.500 K	CRI > 80	770 lm	350 mA	32 mm
12928384	6 W	38°	3.500 K	CRI > 90	680 lm	350 mA	32 mm
12923384	6 W	38°	4.000 K	CRI > 80	770 lm	350 mA	32 mm
12923604	6 W	60°	4.000 K	CRI > 80	790 lm	350 mA	32 mm
12927384	6 W	38°	4.000 K	CRI > 90	720 lm	350 mA	32 mm
12920183	6 W	18°	3.000 K	CRI > 80	740 lm	350 mA	31 mm
12920243	6 W	24°	3.000 K	CRI > 80	760 lm	350 mA	31 mm
12920003	6 W	38°	3.000 K	CRI > 80	780 lm	350 mA	31 mm
12920603	6 W	60°	3.000 K	CRI > 80	760 lm	350 mA	31 mm
12920184	6 W	18°	4.000 K	CRI > 80	780 lm	350 mA	31 mm
12920244	6 W	24°	4.000 K	CRI > 80	790 lm	350 mA	31 mm
12920004	6 W	38°	4.000 K	CRI > 80	810 lm	350 mA	31 mm
12920604	6 W	60°	4.000 K	CRI > 80	780 lm	350 mA	31 mm
12963383	6 W	38°	3.000 K - 1.800 K	CRI > 90	460 lm	350 mA	32 mm
12963603	6 W	60°	3.000 K - 1.800 K	CRI > 90	460 lm	350 mA	32 mm
12953003	12 W	38°	2.700 K	CRI > 80	1,130 lm	350 mA	70 mm
12954003	12 W	38°	3.000 K	CRI > 80	1,360 lm	350 mA	70 mm
12954004	12 W	38°	3.500 K	CRI > 80	1,290 lm	350 mA	70 mm
12953004	12 W	38°	4.000 K	CRI > 80	1,300 lm	350 mA	70 mm
12965003	12 W	38°	3.000 K - 1.800 K	CRI > 90	930 lm	350 mA	70 mm
12983003	12.5 W	38°	3.000 K	CRI > 97	920 lm	350 mA	95 mm
12823003	8 W	60°	2.850 K	CRI > 90	900 lm	24.00 V	50 mm
12843004	8 W	60°	2.000 K - 6.500 K	CRI > 90	640 lm	24.00 V	50 mm
18438002	8 W	60°	RGB+WW	CRI > 90	400 lm	24.00 V	50 mm
12929503	6.3 W	50°	2.700 K / 3.000 K / 4.000 K	CRI > 80	971 lm	350 mA	34 mm

**Optional accessories**

Article no.: 81201180

Reducing ring D 110 mm, for luminaire cut-out size 68 mm

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Article no.: 81202180

Reducing ring D 130 mm, for luminaire cut-out size 68 mm

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Article no.: 81203180

Reducing ring D 145 mm, for luminaire cut-out size 68 mm

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