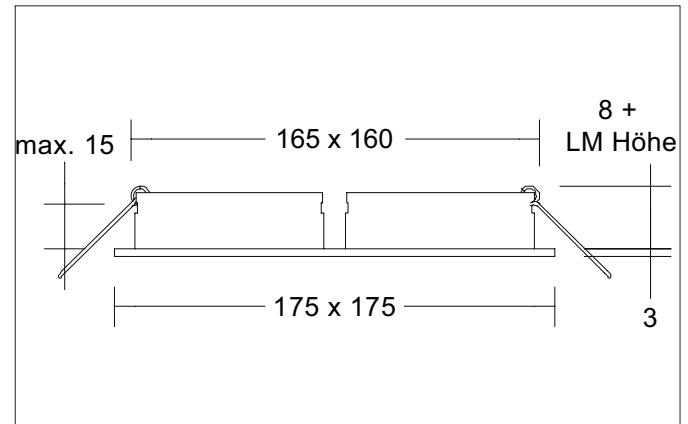


**M1 Recessed housing, square, flush, 4-x, with flush module holders, rigid**

Article no. 45030170


**Tender**

Recessed housing, square, flush, 4-gang, with module holders flush, rigid, IP44, without LED modules, textured white, square. Designed in a compact design for tool-free quick installation for recessed ceiling mounting. All Brumberg MR16 LED modules can be used for the M1 installation unit up to the maximum specified wattage. The installation depth of the luminaire depends on the LED modules used. The LED modules are not included in the scope of delivery of the installation unit. Version: without socket, Mounting type: recessed mounting, Mounting location: ceiling mounting, Material: aluminum, Protection rating on room side: to DIN EN 60529: IP44, Protection class: (EN 61140) III, Power: 13 W, Number of lamps / sockets: 4, Adjustability: non-adjustable, without control gear, Dimmable: Depending on control gear, Type of dimming: Depending on control gear.

**Product Benefits**

- Part of the modular M1 system for recessed and surface-mounted ceilings.
- Empty housing for accommodating Brumberg LED modules up to a max. output of max. 12.5 W.
- Also available as a similar, rigid housing on the room side in IP44 version.
- Available in single color textured white, textured black or in combination textured white / textured black or textured black / textured white.
- 155 further housing versions plus approx. 30 different LED modules for these housing versions for all common control types.
- Single-lamp versions also in the portfolio.

**M1 Recessed housing, square, flush, 4-x, with flush module holders, rigid**

Article no. 45030170

Article data	
Article no.	45030170
GTIN	4251433931690
Series name	M1
Short description	Recessed housing, square, flush, 4-x, with flush module holders, rigid
Material	Aluminium
Colour	White
Type of surface	Structure
Shape	Square
Length	175 mm
Width	175 mm
Built-in length	165 mm
Built-in width	160 mm
Height	3 mm
Scope of delivery	Incl. module brackets flush, rigid, IP44
Weight	0.532 kg
Conformance	CE, UKCA

Operating technology of the luminaire	
Voltage type	DC
Lamp	For LED
Lamp holder	Without fitting
Protection class	III
Protection class on the ceiling side	IP20
Degree of protection	IP44
Dimmable	Depending on type of control gear
Control	Depending on driver
Energy efficiency class	nicht erforderlich

Mounting technology	
Mounting method	Recessed mounting
Place of installation	Ceiling-mounted
Adjustability	Not adjustable
Max. ceiling thickness	15 mm
Further references	No cover with thermal insulation material
Material cover	Glass transparent
Circlip	Without circlip
Suitable for through-wiring	Yes, with optional accessories

Packing data	
Gross weight	0.615 kg
Length of packaging	195 mm
Packaging width	180 mm
Packaging height	60 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>

**M1 Recessed housing, square, flush, 4-x, with flush module holders, rigid**

Article no. 45030170

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

**M1 Recessed housing, square, flush, 4-x, with flush module holders, rigid**

Article no. 45030170

Required accessories
Article no.: 17665000 LED converter 350 mA, switchable Power: 1 - 3,2 W, Plug&Play Dimensions: 52 mm x 30 mm x 23 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17665000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17665000_2021_DE.pdf</a>
Article no.: 17662000 LED converter 350 mA, on/off switchable Power: 1 - 7,2 W, Plug&Play Dimensions: 68 mm x 35 mm x 21 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17662000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17662000_2021_DE.pdf</a>
Article no.: 17662020 LED converter 350 mA, on/off switchable Power: 1 - 7,2 W, Plug&Play + Anschlussbox Dimensions: 68 mm x 35 mm x 21 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17662020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17662020_2021_DE.pdf</a>
Article no.: 17613000 LED converter 350 mA, on/off switchable Power: 1 - 15 W, Plug&Play Dimensions: 115 mm x 34 mm x 19 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17613000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17613000_2021_DE.pdf</a>
Article no.: 17613020 LED converter 350 mA, on/off switchable Power: 1 - 15 W, Plug&Play + Anschlussbox Dimensions: 115 mm x 34 mm x 19 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17613020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17613020_2021_DE.pdf</a>
Article no.: 17621000 LED converter 350 mA, on/off switchable Power: 1 - 21 W, Plug&Play Dimensions: 128 mm x 50 mm x 13 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17621000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17621000_2021_DE.pdf</a>
Article no.: 17621020 LED converter 350 mA, on/off switchable Power: 1 - 21 W, Plug&Play + Anschlussbox Dimensions: 128 mm x 50 mm x 13 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17621020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17621020_2021_DE.pdf</a>
Article no.: 17663000 LED converter 350 mA, trailing-edge phase dimmable Power: 2,8 - 7 W, Plug&Play Dimensions: 110 mm x 50 mm x 19 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17663000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17663000_2021_DE.pdf</a>
Article no.: 17663020 LED converter 350 mA, trailing-edge phase dimmable Power: 2,8 - 7 W, Plug&Play + Anschlussbox Dimensions: 110 mm x 50 mm x 19 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17663020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17663020_2021_DE.pdf</a>
Article no.: 17664000 LED converter 350 mA, trailing-edge phase dimmable Power: 10,2 - 14 W, Plug&Play Dimensions: 125 mm x 51 mm x 20 mm <a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17664000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17664000_2021_DE.pdf</a>

**M1 Recessed housing, square, flush, 4-x, with flush module holders, rigid**

Article no. 45030170

**Required accessories**

Article no.: 17664020

LED converter 350 mA, trailing-edge phase dimmable

Power: 10,2 - 14 W, Plug&amp;Play + Anschlussbox

Dimensions: 125 mm x 51 mm x 20 mm

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Article no.: 17652000

LED-round converter 350 mA, trailing-edge phase dimmer

Power: 4,9 - 7 W, Plug&amp;Play

Dimensions: 51 mm x 24 mm

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Article no.: 17652020

LED-round converter 350 mA, trailing-edge phase dimmer

Power: 4,9 - 7 W, Plug&amp;Play + Anschlussbox

Dimensions: 51 mm x 24 mm

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Article no.: 17640000

LED converter 350 mA, trailing-edge phase dimmable

Power: 4,2 - 10 W, Plug&amp;Play

Dimensions: 102 mm x 38 mm x 21 mm

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Article no.: 17640020

LED converter 350 mA, trailing-edge phase dimmable

Power: 4,2 - 10 W, Plug&amp;Play + Anschlussbox

Dimensions: 102 mm x 38 mm x 21 mm

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Article no.: 17643000

LED converter 350 mA, trailing-edge phase dimmable

Power: 8,8 - 18 W, Plug&amp;Play

Dimensions: 110.5 mm x 52 mm x 22 mm

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Article no.: 17643020

LED converter 350 mA, trailing-edge phase dimmable

Power: 8,8 - 18 W, Plug&amp;Play + Anschlussbox

Dimensions: 110.5 mm x 52 mm x 22 mm

[https://www.brumberg.com/fileadmin/products/Datenblatt\\_17643020\\_2021\\_DE.pdf](https://www.brumberg.com/fileadmin/products/Datenblatt_17643020_2021_DE.pdf)

Article no.: 17648000

LED converter 350 mA, trailing-edge phase dimmable

Power: 0,7 - 17 W, Plug&amp;Play

Dimensions: 166 mm x 46 mm x 34 mm

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Article no.: 17648020

LED converter 350 mA, trailing-edge phase dimmable

Power: 0,7 - 17 W, Plug&amp;Play + Anschlussbox

Dimensions: 166 mm x 46 mm x 34 mm

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Article no.: 17657000

LED converter 350 mA, 1-10 V dimmable (analog)

Power: 5,2 - 18 W, Plug&amp;Play

Dimensions: 110 mm x 52 mm x 22 mm

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**M1 Recessed housing, square, flush, 4-x, with flush module holders, rigid**

Article no. 45030170

Required accessories
<p>Article no.: 17684000</p> <p>LED converter 350 mA, DALI dimmable (digital)</p> <p>Power: 2,8 - 7 W, Plug&amp;Play</p> <p>Dimensions: 130 mm x 42 mm x 22 mm</p> <p><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17684000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17684000_2021_DE.pdf</a></p>
<p>Article no.: 17684020</p> <p>LED converter 350 mA, DALI dimmable (digital)</p> <p>Power: 2,8 - 7 W, Plug&amp;Play + Anschlussbox</p> <p>Dimensions: 130 mm x 42 mm x 22 mm</p> <p><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17684020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17684020_2021_DE.pdf</a></p>
<p>Article no.: 17658000</p> <p>LED round converter 350 mA, DALI dimmable (digital)</p> <p>Power: 2,1 - 9 W, Plug&amp;Play</p> <p>Dimensions: 56 mm x 25 mm</p> <p><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17658000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17658000_2021_DE.pdf</a></p>
<p>Article no.: 17658020</p> <p>LED round converter 350 mA, DALI dimmable (digital)</p> <p>Power: 2,1 - 9 W, Plug&amp;Play + Anschlussbox</p> <p>Dimensions: 56 mm x 25 mm</p> <p><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17658020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17658020_2021_DE.pdf</a></p>
<p>Article no.: 17683000</p> <p>LED converter 350 mA, DALI dimmable (digital)</p> <p>Power: 3,5 - 17 W, Plug&amp;Play</p> <p>Dimensions: 110.5 mm x 52 mm x 22 mm</p> <p><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17683000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17683000_2021_DE.pdf</a></p>
<p>Article no.: 17683020</p> <p>LED converter 350 mA, DALI dimmable (digital)</p> <p>Power: 3,5 - 17 W, Plug&amp;Play + Anschlussbox</p> <p>Dimensions: 110.5 mm x 52 mm x 22 mm</p> <p><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17683020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17683020_2021_DE.pdf</a></p>
<p>Article no.: 17682000</p> <p>LED converter 350 mA, DALI dimmable (digital)</p> <p>Power: 1,8 - 18,5 W, Plug&amp;Play</p> <p>Dimensions: 146.5 mm x 43.5 mm x 22 mm</p> <p><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17682000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17682000_2021_DE.pdf</a></p>
<p>Article no.: 17682020</p> <p>LED converter 350 mA, DALI dimmable (digital)</p> <p>Power: 1,8 - 18,5 W, Plug&amp;Play + Anschlussbox</p> <p>Dimensions: 146.5 mm x 43.5 mm x 22 mm</p> <p><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17682020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17682020_2021_DE.pdf</a></p>
<p>Article no.: 17671000</p> <p>LED converter 350mA, ZigBee dimmable</p> <p>Power: 3,5 - 18,5 W, Plug&amp;Play</p> <p>Dimensions: 146.5 mm x 44 mm x 30 mm</p> <p><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17671000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17671000_2021_DE.pdf</a></p>
<p>Article no.: 17671020</p> <p>LED converter 350mA, ZigBee dimmable</p> <p>Power: 3,5 - 18,5 W, Plug&amp;Play + Anschlussbox</p> <p>Dimensions: 146.5 mm x 44 mm x 30 mm</p> <p><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_17671020_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_17671020_2021_DE.pdf</a></p>

**M1 Recessed housing, square, flush, 4-x, with flush module holders, rigid**

Article no. 45030170

**Required accessories**

Article no.: 17672000

LED converter 350mA, Casambi dimmable

Power: 3,5 - 18,5 W, Plug&amp;Play

Dimensions: 146.5 mm x 44 mm x 30 mm

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Article no.: 17672020

LED converter 350mA, Casambi dimmable

Power: 3,5 - 18,5 W, Plug&amp;Play + Anschlussbox

Dimensions: 146.5 mm x 44 mm x 30 mm

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