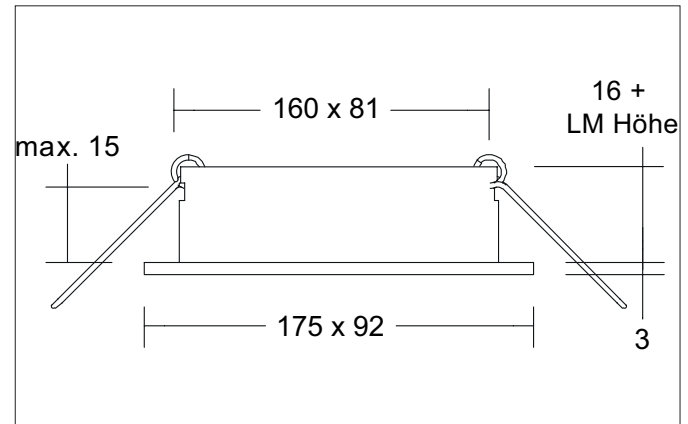


M1 Recessed housing, rectangular, flush, 2-x, recessed with module holders, pivoted

Article no. 45025180

**Tender**

Recessed housing, rectangular, flush, 2-gang, with recessed module holders, pivoting, without LED modules, textured black, 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: IP20, Protection class: (EN 61140) III, Power: 13 W, Number of lamps / sockets: 2, Adjustability: swivel, without control gear, Dimmable: Dependent on control gear, Type of dimming: Dependent 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, rectangular, flush, 2-x, recessed with module holders, pivoted

Article no. 45025180

| Article data | |
|-------------------|--|
| Article no. | 45025180 |
| GTIN | 4251433931546 |
| Series name | M1 |
| Short description | Recessed housing, rectangular, flush, 2-x, recessed with module holders, pivoted |
| Material | Aluminium |
| Colour | Black |
| Type of surface | Structure |
| Shape | Square |
| Length | 175 mm |
| Width | 92 mm |
| Built-in length | 160 mm |
| Built-in width | 81 mm |
| Height | 3 mm |
| Scope of delivery | Incl. module brackets, recessed, pivoted |
| Weight | 0.272 kg |
| Conformance | CE, UKCA |

| Operating technology of the luminaire | |
|---------------------------------------|-----------------------------------|
| 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 |
| Energy efficiency class | nicht erforderlich |

| Mounting technology | |
|-----------------------------|---|
| Mounting method | Recessed mounting |
| Place of installation | Ceiling-mounted |
| Adjustability | Pivoted |
| Swivel angle | 20° |
| Max. ceiling thickness | 15 mm |
| Further references | No cover with thermal insulation material |
| Material cover | Without cover |
| Circlip | Without circlip |
| Suitable for through-wiring | Yes, with optional accessories |

| Packing data | |
|-------------------------|--|
| Gross weight | 0.315 kg |
| Length of packaging | 180 mm |
| Packaging width | 115 mm |
| Packaging height | 48 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, rectangular, flush, 2-x, recessed with module holders, pivoted

Article no. 45025180

| 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, rectangular, flush, 2-x, recessed with module holders, pivoted

Article no. 45025180

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

https://www.brumberg.com/fileadmin/products/Datenblatt_17665000_2021_DE.pdf

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

https://www.brumberg.com/fileadmin/products/Datenblatt_17662000_2021_DE.pdf

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

https://www.brumberg.com/fileadmin/products/Datenblatt_17662020_2021_DE.pdf

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

https://www.brumberg.com/fileadmin/products/Datenblatt_17613000_2021_DE.pdf

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

https://www.brumberg.com/fileadmin/products/Datenblatt_17613020_2021_DE.pdf

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

https://www.brumberg.com/fileadmin/products/Datenblatt_17621000_2021_DE.pdf

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

https://www.brumberg.com/fileadmin/products/Datenblatt_17621020_2021_DE.pdf

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

https://www.brumberg.com/fileadmin/products/Datenblatt_17663000_2021_DE.pdf

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

https://www.brumberg.com/fileadmin/products/Datenblatt_17663020_2021_DE.pdf

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

https://www.brumberg.com/fileadmin/products/Datenblatt_17664000_2021_DE.pdf

M1 Recessed housing, rectangular, flush, 2-x, recessed with module holders, pivoted

Article no. 45025180

| Required accessories |
|---|
| Article no.: 17664020 LED converter 350 mA, trailing-edge phase dimmable Power: 10,2 - 14 W, Plug&Play + Anschlussbox Dimensions: 125 mm x 51 mm x 20 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17664020_2021_DE.pdf |
| Article no.: 17652000 LED-round converter 350 mA, trailing-edge phase dimmer Power: 4,9 - 7 W, Plug&Play Dimensions: 51 mm x 24 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17652000_2021_DE.pdf |
| Article no.: 17652020 LED-round converter 350 mA, trailing-edge phase dimmer Power: 4,9 - 7 W, Plug&Play + Anschlussbox Dimensions: 51 mm x 24 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17652020_2021_DE.pdf |
| Article no.: 17640000 LED converter 350 mA, trailing-edge phase dimmable Power: 4,2 - 10 W, Plug&Play Dimensions: 102 mm x 38 mm x 21 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17640000_2021_DE.pdf |
| Article no.: 17640020 LED converter 350 mA, trailing-edge phase dimmable Power: 4,2 - 10 W, Plug&Play + Anschlussbox Dimensions: 102 mm x 38 mm x 21 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17640020_2021_DE.pdf |
| Article no.: 17643000 LED converter 350 mA, trailing-edge phase dimmable Power: 8,8 - 18 W, Plug&Play Dimensions: 110.5 mm x 52 mm x 22 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17643000_2021_DE.pdf |
| Article no.: 17643020 LED converter 350 mA, trailing-edge phase dimmable Power: 8,8 - 18 W, Plug&Play + Anschlussbox Dimensions: 110.5 mm x 52 mm x 22 mm 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&Play Dimensions: 166 mm x 46 mm x 34 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17648000_2021_DE.pdf |
| Article no.: 17648020 LED converter 350 mA, trailing-edge phase dimmable Power: 0,7 - 17 W, Plug&Play + Anschlussbox Dimensions: 166 mm x 46 mm x 34 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17648020_2021_DE.pdf |
| Article no.: 17657000 LED converter 350 mA, 1-10 V dimmable (analog) Power: 5,2 - 18 W, Plug&Play Dimensions: 110 mm x 52 mm x 22 mm https://www.brumberg.com/fileadmin/products/Datenblatt_17657000_2021_DE.pdf |

M1 Recessed housing, rectangular, flush, 2-x, recessed with module holders, pivoted

Article no. 45025180

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

M1 Recessed housing, rectangular, flush, 2-x, recessed with module holders, pivoted

Article no. 45025180

Required accessories

Article no.: 17672000

LED converter 350mA, Casambi dimmable

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

Dimensions: 146.5 mm x 44 mm x 30 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17672000_2021_DE.pdf

Article no.: 17672020

LED converter 350mA, Casambi dimmable

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

Dimensions: 146.5 mm x 44 mm x 30 mm

https://www.brumberg.com/fileadmin/products/Datenblatt_17672020_2021_DE.pdf