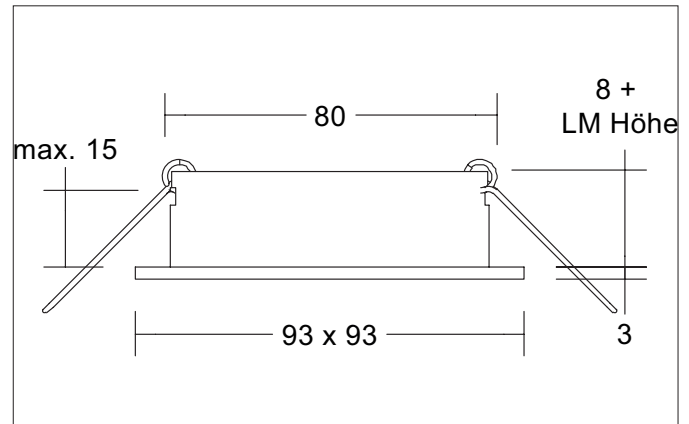




M1 Recessed housing, square, flush, with module holder flush, rigid

Article no. 45010180



Tender

Recessed housing, square, flush, with module holder flush, rigid, black structure, Square. In a compact design, for installation in tool-less rapid assembly systems. Lamp holder: Without fitting, Mounting method: Recessed mounting, Place of installation: Ceiling-mounted, Material: Aluminium, Degree of protection: (DIN EN 60529) IP44, Protection class: (DIN EN 61140) III, Power: 13 W, Amount of light sources / fittings: 1 piece, Adjustability: Not adjustable, without control gear, Dimmable: Depending on type of control gear, Type of dimming: Depending on driver.

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.
- Available as a similar, pivoting housing on the room side in IP20 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.
- Multi-lamp versions also in the portfolio.


M1 Recessed housing, square, flush, with module holder flush, rigid

Article no. 45010180

Article data	
Article no.	45010180
GTIN	4251433931270
Series name	M1
Short description	Recessed housing, square, flush, with module holder flush, rigid
Material	Aluminium
Colour	black structure
Type of surface	Structure
Shape	Square
Length	93 mm
Width	93 mm
Built-in diameter min.	79 mm
Built-in diameter max.	80 mm
Installation depth	78 mm
Hight	3 mm
Scope of delivery	incl. module holder flush, rigid
Weight	0.134 kg
D licence plate	No
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	not required

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 Smarthome
Cover	Glass transparent
Circlip	Without circlip
Suitable for through-wiring	Yes, with optional accessories

Packing data	
Gross weight	0.178 kg
Length of packaging	115 mm
Packaging width	100 mm
Packaging hight	50 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.


M1 Recessed housing, square, flush, with module holder flush, rigid

Article no. 45010180

Compatible LED-modu-							
Article no.	Power	Beam angle	Colour temperature	Colour rendering	Luminous flux	Input	Hight
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	52 mm
12845604	8 W	60°	2.700 K - 6.500 K	CRI > 90	659 lm	24.00 V	52 mm
18438002	8 W	60°	RGB + WW	CRI > 90	400 lm	24.00 V	52 mm
12929503	6.3 W	50°	2.700 K / 3.000 K / 4.000 K	CRI > 80	1,023 lm	350 mA	34 mm
12930503	5.9 W	50°	2.700 K / 3.000 K / 4.000 K	CRI > 90	810 lm	350 mA	34 mm
12933553	6 W	55°	2.700 K / 3.000 K / 4.000 K + dim-2warm (3.000 K - 2.200 K)	CRI > 90	730 lm	350 mA	32 mm


M1 Recessed housing, square, flush, with module holder flush, rigid

Article no. 45010180

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, square, flush, with module holder flush, rigid

Article no. 45010180

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, square, flush, with module holder flush, rigid

Article no. 45010180

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, square, flush, with module holder flush,
rigid**
Article no. 45010180**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

Optional accessories

Article no.: 3835
Plug&Play extension cable 350 mA

Dimensions: 500 mm
https://www.brumberg.com/fileadmin/products/Datenblatt_00003835_2021_DE.pdf

Article no.: 3836
Plug&Play extension cable 350 mA

Dimensions: 1,000 mm
https://www.brumberg.com/fileadmin/products/Datenblatt_00003836_2021_DE.pdf

Article no.: 3837
Plug&Play extension cable 350 mA

Dimensions: 2,000 mm
https://www.brumberg.com/fileadmin/products/Datenblatt_00003837_2021_DE.pdf

Article no.: 5327
Leaf spring set (2 pieces)

https://www.brumberg.com/fileadmin/products/Datenblatt_00532700_2021_DE.pdf