



Properties

Fitting type	Surface mounted
Base	Aluminium, white powder coated or silver anodised
Diffuser	Polycarbonate, clear or opaque
End caps	Polycarbonate, white or grey, mounted with stainless steel screws
Watertight	No
Voltage range	* 12 or 24 VDC mono voltage or 10-30 VDC bi-voltage * 230 VAC through an external LED driver/converter (see page 6.02 and 6.03) * automatic switch-over between power supply via external LED driver/converter and battery by use of separate power switch (see page 6.04)
Light source	DEMCO LED modules
Light colours	* Natural white (4000K, standard colour) * Cool white (6000K) * Warm white (3000K) * other colours on request
Continuous lighting system possible	Yes, custom-made fittings are possible (> approx. 1.7 meter)
Switch	Option, 2 positions
Motion sensor	Option, integrated in the fitting (versions up to a maximum of 9 Amp.) * default delay time after last detection 1 minute * other available delay times are 15 seconds, 5 or 10 minutes
Night light	Option, LED (blue, red, green or white), via second positive wire (this option will increase the fitting length by 25 mm)
Dimmable	Option * 2 positions (30 / 100%), via second positive wire * stepless dimmable only available with 27 LED module (30 - 100%)

From page 7.02 you will find more technical information.

The specifications in the tables are stated for our regular LED light colour 'natural white' (4000K). The light output of the other 2 LED light colours 'cool white' (6000K) and 'warm white' (3000K) may vary slightly. These specifications are available by request.

Versions (20W/m, 30 LED/m, 12 or 24 VDC mono voltage and 48 LED/m, 10-30 VDC bi-voltage)

Power (Watt)	Voltage (Volt)	Lamp (LED)	Light output (Lumen)	Outside dimension (L x W x H in mm)	Article number (view B D E L O O choices)
SMD 12 LED (20W/m, 30 LED/m high output, 12 VDC)					
4	12	6 LED	385	320 x 96 x 25	MAV B 0131 D E L O O
8	12	12 LED	770	521 x 96 x 25	MAV B 1031 D E L O O
12	12	18 LED	1155	720 x 96 x 25	MAV B 1131 D E L O O
16	12	24 LED	1540	919 x 96 x 25	MAV B 2031 D E L O O
20	12	30 LED	1925	1118 x 96 x 25	MAV B 2131 D E L O O
24	12	36 LED	2310	1317 x 96 x 25	MAV B 3031 D E L O O
28	12	42 LED	2695	1516 x 96 x 25	MAV B 3131 D E L O O
32	12	48 LED	3080	1715 x 96 x 25	MAV B 4031 D E L O O
SMD 12 LED (20W/m, 30 LED/m high output, 24 VDC)					
4	24	6 LED	385	320 x 96 x 25	MAV B 0132 D E L O O
8	24	12 LED	770	521 x 96 x 25	MAV B 1032 D E L O O
12	24	18 LED	1155	720 x 96 x 25	MAV B 1132 D E L O O
16	24	24 LED	1540	919 x 96 x 25	MAV B 2032 D E L O O
20	24	30 LED	1925	1118 x 96 x 25	MAV B 2132 D E L O O
24	24	36 LED	2310	1317 x 96 x 25	MAV B 3032 D E L O O
28	24	42 LED	2695	1516 x 96 x 25	MAV B 3132 D E L O O
32	24	48 LED	3080	1715 x 96 x 25	MAV B 4032 D E L O O
SMD LED (20W/m, 48 LED/m, 10-30 VDC)					
4.5	10-30	1 x 12 LED	500	320 x 96 x 25	MAV B 107 D E L O O
9	10-30	2 x 12 LED	1000	540 x 96 x 25	MAV B 207 D E L O O
13.5	10-30	3 x 12 LED	1500	760 x 96 x 25	MAV B 307 D E L O O
18	10-30	4 x 12 LED	2000	980 x 96 x 25	MAV B 407 D E L O O
22.5	10-30	5 x 12 LED	2500	1200 x 96 x 25	MAV B 507 D E L O O
27	10-30	6 x 12 LED	3000	1420 x 96 x 25	MAV B 607 D E L O O

Between every two LED modules of the 48 LED/m versions, there is a 20 mm free space where a mounting hole can be drilled.

Please view the next page for more available versions.

Article number (**B D E L O O** choices)

B = Base	1 = White	4 = Silver		
D = Diffuser	H = Clear	O = Opaque		
E = End caps	W = White	G = Grey		
L = Light colour	1 = Natural white	2 = Cool white	3 = Warm white	
OO = Option	00 = No option			
	02 = Switch	40 = LED NL blue	A0 = Power LED NL blue	A7 = PIR 15 seconds
	2 positions	50 = LED NL red	B0 = Power LED NL red	B7 = PIR 1 minute
		60 = LED NL green	C0 = Power LED NL green	D7 = PIR 5 minutes
		80 = LED NL white	D0 = Power LED NL white	E7 = PIR 10 minutes

NL = Night light; PIR = motion sensor

Combinations with switch and night lights are also available. Please contact us for the possibilities.

 It is also possible to use the 'configurator' on our website to compose the fitting of your choice.

Versions (25 - 35W/m, 18 power LED/m or 108 LED/m, 10-30 VDC bi-voltage)

Power (Watt)	Voltage (Volt)	Lamp (LED)	Light output (Lumen)	Outside dimension (L x W x H in mm)	Article number (view B D E L O O choices)
Power LED (25W/m, 18 power LED/m, 10-30 VDC)					
4	10-30	1 x 3 power LED	450	278 x 96 x 25	MAV B 101 D E L O O
8	10-30	1 x 6 power LED	900	420 x 96 x 25	MAV B 103 D E L O O
16	10-30	2 x 6 power LED	1800	740 x 96 x 25	MAV B 203 D E L O O
24	10-30	3 x 6 power LED	2700	1060 x 96 x 25	MAV B 303 D E L O O
32	10-30	4 x 6 power LED	3600	1380 x 96 x 25	MAV B 403 D E L O O
40	10-30	5 x 6 power LED	4500	1700 x 96 x 25	MAV B 503 D E L O O
Power LED (35W/m, 18 power LED/m, high output, 10-30 VDC)					
5.5	10-30	1 x 3 power LED	600	278 x 96 x 25	MAV B 125 D E L O O
11	10-30	1 x 6 power LED	1200	420 x 96 x 25	MAV B 123 D E L O O
22	10-30	2 x 6 power LED	2400	740 x 96 x 25	MAV B 223 D E L O O
33	10-30	3 x 6 power LED	3600	1060 x 96 x 25	MAV B 323 D E L O O
44	10-30	4 x 6 power LED	4800	1380 x 96 x 25	MAV B 423 D E L O O
55	10-30	5 x 6 power LED	6000	1700 x 96 x 25	MAV B 523 D E L O O
SMD LED (25W/m, 108 LED/m, 10-30 VDC)					
7.5	10-30	1 x 27 LED	1000	370 x 96 x 25	MAV B 116 D E L O O
15	10-30	2 x 27 LED	2000	640 x 96 x 25	MAV B 216 D E L O O
22.5	10-30	3 x 27 LED	3000	910 x 96 x 25	MAV B 316 D E L O O
30	10-30	4 x 27 LED	4000	1180 x 96 x 25	MAV B 416 D E L O O
37.5	10-30	5 x 27 LED	5000	1450 x 96 x 25	MAV B 516 D E L O O

Between every two LED modules there is a 20 mm free space where a mounting hole can be drilled.

The 27 LED module consists of 21 white LED's and 6 coloured ones of maximum 1.5W. Connecting the coloured LED's is optional.

Options 80 and A0 to D0 cannot be combined with the 27 LED module.

Please view the next page for more available versions.

Article number (B D E L O O choices)

B = Base	1 = White	4 = Silver		
D = Diffuser	H = Clear	O = Opaque		
E = End caps	W = White	G = Grey		
L = Light colour	1 = Natural white	2 = Cool white	3 = Warm white	
OO = Option	00 = No option			
	02 = Switch	40 = LED NL blue	A0 = Power LED NL blue	A7 = PIR 15 seconds
	2 positions	50 = LED NL red	B0 = Power LED NL red	B7 = PIR 1 minute
		60 = LED NL green	C0 = Power LED NL green	D7 = PIR 5 minutes
		80 = LED NL white	D0 = Power LED NL white	E7 = PIR 10 minutes

NL = Night light; PIR = motion sensor

Combinations with switch and night lights are also available. Please contact us for the possibilities.

The specifications in the tables are stated for our regular LED light colour 'natural white' (4000K). The light output of the other 2 LED light colours 'cool white' (6000K) and 'warm white' (3000K) may vary slightly. These specifications are available by request.

Versions (25 - 30W/m 18 Power LED/m or 108 LED/m, 10-30 VDC bi-voltage, dimmable)

Power (Watt)	Voltage (Volt)	Lamp (LED)	Light output (Lumen)	Outside dimension (L x W x H in mm)	Article number (view B D E L O O choices)
Power LED (25W/m, 18 power LED/m, 10-30 VDC, 2 positions dimmable 30 / 100%)					
4	10-30	1 x 3 power LED	450	278 x 96 x 25	MAV B 110 D E L O O
8	10-30	1 x 6 power LED	900	420 x 96 x 25	MAV B 111 D E L O O
16	10-30	2 x 6 power LED	1800	740 x 96 x 25	MAV B 211 D E L O O
24	10-30	3 x 6 power LED	2700	1060 x 96 x 25	MAV B 311 D E L O O
32	10-30	4 x 6 power LED	3600	1380 x 96 x 25	MAV B 411 D E L O O
40	10-30	5 x 6 power LED	4500	1700 x 96 x 25	MAV B 511 D E L O O
SMD LED (25W/m, 108 LED/m, 10-30 VDC, stepless 30 - 100% or 2 positions 30 / 100%)					
7.5	10-30	1 x 27 LED	1000	370 x 96 x 25	MAV B 109 D E L O O
15	10-30	2 x 27 LED	2000	640 x 96 x 25	MAV B 209 D E L O O
22.5	10-30	3 x 27 LED	3000	910 x 96 x 25	MAV B 309 D E L O O
30	10-30	4 x 27 LED	4000	1180 x 96 x 25	MAV B 409 D E L O O
37.5	10-30	5 x 27 LED	5000	1450 x 96 x 25	MAV B 509 D E L O O

Between every two LED modules there is a 20 mm free space where a mounting hole can be drilled.

The 27 LED module consists of 21 white LED's and 6 coloured ones of maximum 1.5W. Connecting the coloured LED's is optional.

Options 80 and A0 to D0 cannot be combined with the 27 LED module.

Article number (B D E L O O choices)

B = Base	1 = White	4 = Silver		
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	2 positions	50 = LED NL red	B0 = Power LED NL red	B7 = PIR 1 minute
		60 = LED NL green	C0 = Power LED NL green	D7 = PIR 5 minutes
		80 = LED NL white	D0 = Power LED NL white	E7 = PIR 10 minutes

NL = Night light; PIR = motion sensor (not possible with 2 positions dim)

Combinations with switch and night lights are also available. Please contact us for the possibilities.

Example

Article number MAV 1 607 H W 1 02 results in the following article:

Surface mounted fitting 'Micro Avenue'

- * 1420x96x25mm
- * base white powder coated
- * 6x12 LED-27W/10-30VDC
- * LED light colour 'natural white'
- * light output 3000 Lumen
- * clear diffuser/white end caps
- * switch 2 positions

 It is also possible to use the 'configurator' on our website to compose the fitting of your choice.