

Last information update: February 2025

Product configuration: M251+LENGTH1

M251: flexible strip - 5m - LED blanco

LENGTH1: Length (m) - 1m

**Product code**

M251: flexible strip - 5m - LED blanco

Technical description

Product for linear lighting - with white monochrome LEDs - made on a white flexible circuit coated with a layer of silicone; the silicone protection guarantees IP65 protection for the uncut strip. The ends of the circuits are fitted with connectors with IP20 protection, therefore we recommend that the strips be used indoors. Supplied in 5-metre long coils wound on suitable supports; the pack includes a connections kit for in line or power supply connections. The back of the circuit is coated with adhesive for rapid application; mounting accessories are available for less simple installations. The strip can be cut at a centre-to-centre distance of 50 mm (minimum 3 LEDs); if intermediate cuts are made, ensure that the cut ends are carefully sealed. LED features: white 4000K colour (the value is an indication only and may vary slightly) - 60 LEDs/m - flare angle 120° - 24W total - power supply 12V - a maximum of 2 coils can be connected in line. Ballasts to be ordered separately

Installation

rapid installation with adhesive; clips are available for added fixing guarantees (code MWG2: 10 pieces) and rigid aluminium supports (code MWG1: 5 pieces x 1m)

Colour

White (01)

Weight (Kg)

0.21

Mounting

wall arm

Wiring

Constant voltage ballasts to be ordered separately; available for a single coil (code MWF7) or for a maximum of 2 coils in line (code MWF8). Ballast/coil connection with connectors (IP20) included in the pack with the strips

Notes

The connectors grant an IP20 protection, for this reason it is advised the use of strips in internal installations. in case of cuts to the strips it is necessary to restore the sealing with accuracy after having done the connection weldings.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	465	Colour temperature [K]:	4000
W system:	4.8	MacAdam Step:	3
Im source:	465	Life Time LED 1:	> 50,000h - L70 (Ta 25°C)
W source:	4.8	Voltage [Vin]:	12
Luminous efficiency (Im/W, real value):	96.9	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	6	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	100	Number of optical assemblies:	1
CRI (minimum):	80		

Polar

Imax=150 cd		Lux			
90°	180°	h	d	Em	Emax
		1	3.3	83	150
		2	6.6	21	37
		3	9.9	9	17
		4	13.2	5	9
$\alpha = 117^\circ$					

Isolux

