

# MD12

SURFACE



## MONOLINE-MD12

A surface mounted linear LED luminaire designed for two lines of Monoflex LED, with 2-way light distribution. Manufactured from extruded anodised aluminium, finished in white or black, with opal diffusers. Suitable for surface mounting via concealed sprung metal fixing clips.

Each PCB module has an on-board Integrated Controller (IC), for precise constant current control, whilst a Schottky diode provides reverse polarity protection.

A range of LED options are available with a choice of Nichia, Osram or Lumileds LED, with colour temperatures from 2000K - 6500K and power outputs from 2 x 4.8W/m 2 x 14.4W/m.

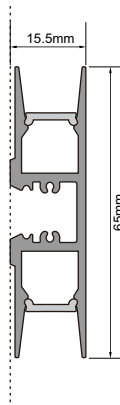
Available in six standard lengths: 450mm, 950mm, 1450mm, 1950mm, 2450mm & 2950mm, which can be cut at 62.5mm intervals. Custom sizes also available upon request.



## TECHNICAL

<b>Input voltage:</b>	24VDC [22.5~25VDC]
<b>Current control:</b>	On-board integrated controller (IC)
<b>Reverse voltage protection:</b>	On-board Schottky diode
<b>Operating temperature (Ta):</b>	-35 °C ~ 50 °C
<b>PCB Temperature (Tc max):</b>	<75 °C
<b>Dimmable:</b>	PWM (0/1-10V, DALI, DMX, TRIAC, ELV)
<b>Ingress protection:</b>	IP40

## FINISH



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## PRODUCT CODE EXAMPLE

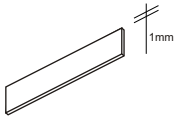
PROFILE	COLOUR	DIFFUSER	PCB	WATTAGE	SPECTRUM	LENGTH
MD12	- W	- OC	- D112	/ 9	- D3-827	- L4

## SPECIFICATION

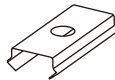
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Other colour temperatures, tunable white, RGB and RGBW available upon request.

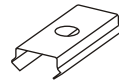
## ACCESSORIES



MD12-EC Aluminium end cap



MD12-MB Mounting bracket 2 every 1 metres



MD12-LC Linear connector

### Disclaimer:

Technical data is subject to change without prior notice. The data provide represent typical values. Due to tolerances in the production of components and binning of LEDs, values for lumen output (Lm), colour temperature (CCT) and power (W/m) can vary up to 10%. Electrical and thermal variation also influences the performance characteristics of LEDs