

MB15

SURFACE



MONOLINE-MB15

A miniature surface mounted linear LED luminaire manufactured from extruded anodised aluminium, finished in white (standard), black or anodised aluminium, with a rounded opal diffuser for wide angle distribution. 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 4.8W/m - 24.0W/m.

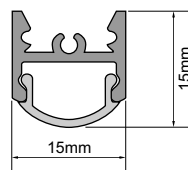
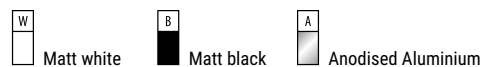
Available in six standard lengths: 450mm, 950mm, 1450mm, 1950mm, 2450mm & 2950mm, which can be cut at 62.5mm intervals. Custom sizes also available upon request.



TECHNICAL

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

FINISH



MB15

SURFACE



PRODUCT CODE EXAMPLE

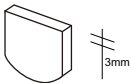
PROFILE	COLOUR	DIFFUSER	PCB	WATTAGE	SPECTRUM	LENGTH
MB15	-	W	-	OC	-	D112 / 9 - D4-827 - L4

SPECIFICATION

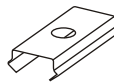
Profile	Colour	Diffuser	PCB	Wattage	Spectrum	Standard Lengths	
W	White	OC Opal	D112	4	4.8w/m	D4-827 Osram 2700K \geq Ra80	L1 450mm L2 950mm L3 1450mm L4 1950mm L5 2450mm L6 2950mm
	B Black			9	9.6w/m		
A	Aluminium	14	14.4w/m	D4-830 Osram 3000K \geq Ra80	D4-930 Lumileds 3000K \geq Ra90		
		19	19.2w/m	D4-835 Osram 3500K \geq Ra80			
		24	24.0w/m	D4-935 Lumileds 3500K \geq Ra90		D4-840 Osram 4000K \geq Ra80	
				D4-940 Lumileds 4000K \geq Ra90		D4-850 Osram 5000K \geq Ra80	
					D4-950 Lumileds 5000K \geq Ra90	Cuttable at 62.5mm intervals	
					D4-857 Osram 5700K \geq Ra80		
					D4-957 Lumileds 5700K \geq Ra90		
					D4-865 Osram 6500K \geq Ra80		
					D4-965 Lumileds 6500K \geq Ra90		
					N4-820 Nichia 4000K \geq Ra80		
					N4-920 Nichia 4000K \geq Ra90		
					N4-822 Nichia 2200K \geq Ra80		
					N4-922 Nichia 2200K \geq Ra90		
					N4-825 Nichia 2500K \geq Ra80		
					N4-925 Nichia 2500K \geq Ra90		
					N4-827 Nichia 2700K \geq Ra80		
					N4-927 Nichia 2700K \geq Ra90		
					N4-830 Nichia 3000K \geq Ra80		
					N4-930 Nichia 3000K \geq Ra90		
					N4-835 Nichia 3500K \geq Ra80		
					N4-935 Nichia 3500K \geq Ra90		
					N4-840 Nichia 4000K \geq Ra80		
					N4-940 Nichia 4000K \geq Ra90		
					N4-850 Nichia 5000K \geq Ra80		
					N4-950 Nichia 5000K \geq Ra90		
					N4-857 Nichia 5700K \geq Ra80		
					N4-957 Nichia 5700K \geq Ra90		
					N4-865 Nichia 6500K \geq Ra80		
					N4-965 Nichia 6500K \geq Ra90		

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

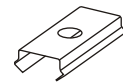
ACCESSORIES



MB15-EC 1 end cap



MB15-LC 1 connector every 3 metres



MB15-MB 1 bracket every metre (2 min)

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