

XC45

SURFACE



MONOLINE-XC45

A miniature surface mounted linear LED luminaire manufactured from extruded anodised aluminium, with either clear cover, frosted or opal polycarbonate diffusers. Suitable for surface mounting via sprung metal fixing brackets.

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.

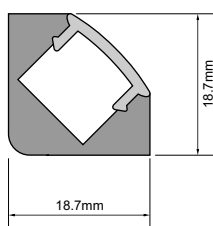
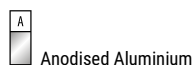
Available in six standard lengths: 450mm, 950mm, 1450mm, 1950mm, 2450mm & 2950mm, which can be cut at 62.5mm intervals. Custom sizes also available upon request.



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



PRODUCT CODE EXAMPLE

PROFILE		DIFFUSER		PCB		WATTAGE		SPECTRUM		LENGTH
XC45	-	OC	-	D112	/	9	-	D4-827	-	L4

SPECIFICATION

Profile	Diffuser	PCB	Wattage	Spectrum	Standard Lengths
	- CC Clear - FC Frosted - OC Opal	- D112 - N112	4 4.8w/m 9 9.6w/m 14 14.4w/m 19 19.2w/m 24 24.0w/m	- D4-827 Osram 2700K ≥Ra80 - D4-927 Lumileds 2700K ≥Ra90 - D4-830 Osram 3000K ≥Ra80 - D4-930 Lumileds 3000K ≥Ra90 - D4-835 Osram 3500K ≥Ra80 - D4-935 Lumileds 3500K ≥Ra90 - D4-840 Osram 4000K ≥Ra80 - D4-940 Lumileds 4000K ≥Ra90 - D4-850 Osram 5000K ≥Ra80 - D4-950 Lumileds 5000K ≥Ra90 - D4-857 Osram 5700K ≥Ra80 - D4-957 Lumileds 5700K ≥Ra90 - D4-865 Osram 6500K ≥Ra80 - D4-965 Lumileds 6500K ≥Ra90 - N4-820 Nichia 4000K ≥Ra80 - N4-920 Nichia 4000K ≥Ra90 - N4-822 Nichia 2200K ≥Ra80 - N4-922 Nichia 2200K ≥Ra90 - N4-825 Nichia 2500K ≥Ra80 - N4-925 Nichia 2500K ≥Ra90 - N4-827 Nichia 2700K ≥Ra80 - N4-927 Nichia 2700K ≥Ra90 - N4-830 Nichia 3000K ≥Ra80 - N4-930 Nichia 3000K ≥Ra90 - N4-835 Nichia 3500K ≥Ra80 - N4-935 Nichia 3500K ≥Ra90 - N4-840 Nichia 4000K ≥Ra80 - N4-940 Nichia 4000K ≥Ra90 - N4-850 Nichia 5000K ≥Ra80 - N4-950 Nichia 5000K ≥Ra90 - N4-857 Nichia 5700K ≥Ra80 - N4-957 Nichia 5700K ≥Ra90 - N4-865 Nichia 6500K ≥Ra80 - N4-965 Nichia 6500K ≥Ra90	- L1 450mm - L2 950mm - L3 1450mm - L4 1950mm - L5 2450mm - L6 2950mm Cutttable at 62.5mm intervals

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

ACCESSORIES



XC45-SMB Sprung steel bracket



XC45-EC Aluminium end cap



XC45-ECH Aluminium end cap with hole

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