



FM10E-120

SINGLE CCT FLEXIBLE LINEAR LED MODULE



AVAILABLE OPTIONS

CCT OPTIONS

SINGLE CCT



ProART

DRIVER DIMMING OPTIONS



(ND)

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(AN)

(DA)

ACCESSORIES

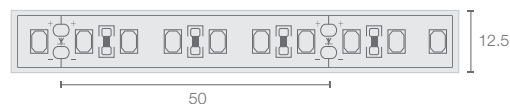


Aluminium Tray



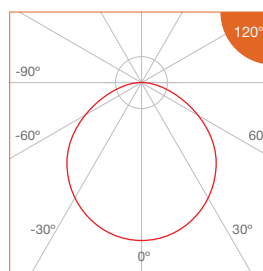
45° Aluminium Tray

DIMENSIONS (MM)



- Width x Height : 12.5mm x 4mm (Silicone Sleeve)
- Cut Section : 6 LEDs, 50mm
- LED Pitch : 8.3mm
- LEDs per Meter : 120 LEDs/m

PHOTOMETRICS



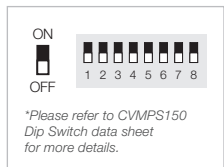


LED Module

CRI	ProART (CRI~95)
SDCM	3 step MacAdam ellipse
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	19.2W/m
Light Effect	Narrow LED pitch distance for light homogeneity
Luminous Flux	Up to 1932 lm/m
Efficacy	Up to 100.6 lm/W
Operating Temperature	Ta (min) = -20°C, Ta (max) = +50°C
Wire Connection	Supplied with insulated AWG 20 wires at 150mm length
Ingress Protection	IP65
Beam Angle	120°

SPECIFICATIONS

CCT	Efficacy (lm/W)	Default (Max.)	Luminous Flux per meter (lm/m)							
			With CVMPS150 Dip Switch Settings *							
			On "8"	On "7"	On "6"	On "5"	On "4"	On "3"	On "2"	On "1"
2700K	95.8	1840	17.3W/m	15.4W/m	13.4W/m	11.5W/m	9.6W/m	7.7W/m	5.8W/m	3.8W/m
3000K			1656	1325	927	556	278	111	33	7
4000K	100.6	1932	1739	1391	974	584	292	117	35	7
6500K			1739	1391	974	584	292	117	35	7
Correction Factor		1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20



⚠ When using CVMPS150 with LED module, the driver / power supply unit capacity must be based on the maximum load of the connected LED module.

ORDERING MATRIX

Module	Power	CCT	Length	Sleeve Option				
FM10E-120	19	19.2W/m	27	2700K	5M	5m Reel*	SS	IP65 Silicon Sleeve
			30	3000K				
			40	4000K				
			65	6500K				

Example: FM10E-120-19-30-5M-SS

FM10E flexible linear LED strips are supplied with insulated AWG 20 wires at 150mm length on both ends.

*Supplied in standard length of 5m per reel, customised lengths are available upon request and additional charges may apply.

• Accessories

Aluminium Tray	Finishing	Length
FM10-SS-AT	SL Silver	1000 1000mm

Example: FM10-SS-AT-SL-1000
FM10 Silicon Sleeve, Aluminium Tray, Silver, 1000mm

45° Aluminium Tray	Finishing	Length
FM10-SS-AT45	SL Silver	1000 1000mm

Example: FM10-SS-AT45-SL-1000
FM10 IP65, 45° Aluminium Tray, Silver, 1000mm