



FM8-168

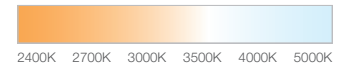
PROFESSIONAL SINGLE CCT FLEXIBLE LINEAR LED MODULE



AVAILABLE OPTIONS

CCT OPTIONS

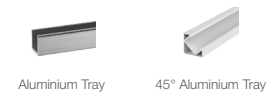
SINGLE CCT



DRIVER DIMMING OPTIONS



ACCESSORIES

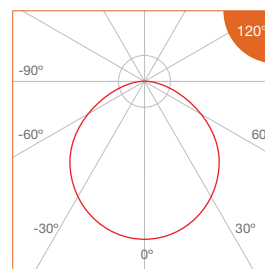


DIMENSIONS (MM)



- Width x Height : 11mm x 4mm (Silicone Sleeve)
- Cut Section : 7 LEDs, 41.67mm
- LED Pitch : 5.9mm
- LEDs per Meter : 168 LEDs/m

PHOTOMETRICS



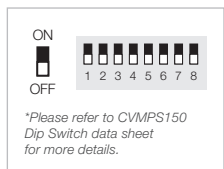


LED Module

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	15W/m
Light Effect	Narrow LED pitch distance for light homogeneity
Luminous Flux	Up to 1733lm/m
Efficacy	Up to 115.5lm/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.) 15W/m	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"		
2400K	94.6	1419	13.5W/m	12W/m	10.5W/m	9W/m	7.5W/m	6W/m	4.5W/m	3W/m		
2700K			1277	1135	993	851	710	568	426	284		
3000K			110.0	1650	1485	1320	1155	990	825	660	495	330
3500K					1559	1386	1213	1040	866	693	520	347
4000K	115.5	1733	1559	1386	1213	1040	866	693	520	347		
5000K			0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20		
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	
FM8-168	15	15W/m	24	5M 5m Reel*	SS IP65 Silicone Sleeve**
			27		
			30		
			35		
			40		
			50		

Example: FM8-168-15-30-5M-SS

FM8 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
FM8-SS-AT	SL Silver	1000 1000mm

Example: FM8-SS-AT-SL-1000
FM8 Silicon Sleeve, Aluminium Tray, Silver, 1000mm

45° Aluminium Tray	Finishing	Length
FM8-SS-AT45	SL Silver	1000 1000mm

Example: FM8-SS-AT45-SL-1000
FM8 IP65, 45° Aluminium Tray, Silver, 1000mm