



FM6 MODULE

PROFESSIONAL SINGLE CCT
FLEXIBLE LINEAR LED STRIP



DRIVER OPTIONS



ON/OFF



PHASE
DIMMABLE

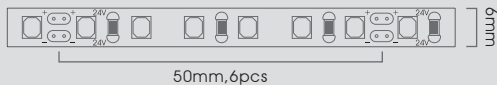


0-10V
DIMMABLE



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DIMMABLE

DIMENSION



- Width x Height : 6mm x 1.5mm (Bare Strip),
9mm x 4mm (Silicon Sleeve)
- Cut Section : 6 LEDs, 50mm
- LED Pitch : 8mm
- LEDs per Meter : 120 LEDs/m

Beam Angle: 120°



- CRI : Ra>90, R9>50
- SDCM : 3 step MacAdam ellipse
- Lifetime : Up to 50,000 hours L80 lamp life at
Ta = 25°C
- Voltage : 24V DC
- Power Options : 5W/m, 10W/m, 15W/m, 20W/m
- Light Effect : Narrow LED pitch distance for light
homogeneity
- Luminous Flux : 461 - 2226 lm/m
- Efficacy : 92.2 - 111.3 lm/W
- Operating Temperature : Ta (min) = -20°C, Ta (max) = +50°C
- Wire Connection : Supplied with insulated AWG 20
wires at 200mm length
- Ingress Protection : IP20 for bare strip
: IP65 with silicon sleeve
(5W/m and 10W/m only)

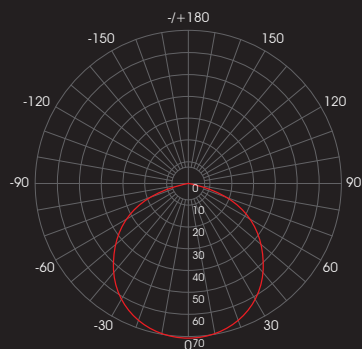
CCT OPTIONS

Single CCT



PHOTOMETRICS

With FM6 20W/m



Correction Factor : FM6 5W ~ f = 0.25
 FM6 10W ~ f = 0.50
 FM6 15W ~ f = 0.75
 FM6 20W ~ f = 1.00

SPECIFICATIONS

CCT	Efficacy (lm/W)	Luminous Flux per meter (lm/m)			
		5W/m	10W/m	15W/m	20W/m
2200K	92.2	461	922	1383	1844
2500K					
2700K	106.0	530	1060	1590	2120
3000K					
3500K	111.3	557	1113	1670	2226
4000K					
5000K					
5700K					
6500K					

	Power			
	5W/m	10W/m	15W/m	20W/m
Maximum continuous length with single end power feed	10m	5m	3.4m	2.5m

Case temperature must not exceed $T_c(\max) = 80^\circ\text{C}$ to guarantee LED module lifetime.
 - LED modules of 10W/m and below can be operated with or without aluminium profile.
 - LED modules of 15W/m and above must be operated with aluminium profile as heatsink.

ORDERING MATRIX

MODULE	Model	Power	CCT	Length	Sleeve Option
	FM6	5M 5m Reel*	5 5W/m	22 2200K	5M 5m Reel*
10 10W/m			25 2500K	SS IP65 Silicon Sleeve**	
15 15W/m			27 2700K		
20 20W/m			30 3000K		
35 3500K					
40 4000K					
50 5000K					
57 5700K					
65 6500K					

Example: FM6-10-30-5M-N

FM6 flexible linear LED strips are supplied with insulated AWG 20 wires at 200mm length on both ends.

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

**IP65 Silicon sleeve is valid for 5W/m and 10W/m power only.