



# FM10 RGB MODULE

PROFESSIONAL RGB FLEXIBLE  
LINEAR LED STRIP



Beam Angle: 120°



- Lifetime : Up to 50,000 hours L80 lamp life at Ta = 25°C
- Voltage : 24V DC
- Power Options : 10W/m, 15W/m, 20W/m
- Light Effect : Narrow LED pitch distance for light homogeneity
- Operating Temperature : Ta (min) = -20°C, Ta (max) = +50°C
- Wire Connection : Supplied with insulated AWG 22 wires at 200mm length
- Ingress Protection : IP20 for bare strip  
: IP65 with silicon sleeve (10W/m only)

## DRIVER OPTIONS



## DIMENSION



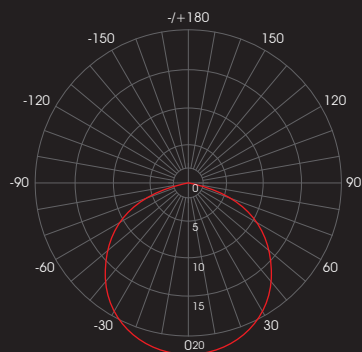
- Width x Height : 10mm x 2mm
- Cut Section : 6 LEDs, 50mm
- LED Pitch : 8mm
- LEDs per Meter : 120 LEDs/m

## CCT OPTIONS



## PHOTOMETRICS

- With FM10 RGB 20W/m



Correction Factor : FM10 RGB 10W/m ~  $f = 0.50$   
 FM10 RGB 15W/m ~  $f = 0.75$   
 FM10 RGB 20W/m ~  $f = 1.00$

## SPECIFICATIONS

CCT	Efficacy (lm/W)	RGB Wavelength (nm)
<b>Red</b>	30	617 - 627
<b>Green</b>	58	515 - 525
<b>Blue</b>	12	464 - 474

	Power		
	10W/m	15W/m	20W/m
Maximum continuous length with single end power feed	5m	3.5m	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
<b>FM10</b>	<b>10</b> 10W/m	<b>RGB</b> RGB	<b>5M</b> 5m Reel*	<b>N</b> Bare Strip
	<b>15</b> 15W/m			<b>SS</b> IP65 Silicon Sleeve**
	<b>20</b> 20W/m			

Example: FM10-10-RGB-5M-N

FM10 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 only valid for 10W/m power only.