

FM12 RGBW

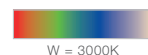
PROFESSIONAL RGBW FLEXIBLE LINEAR
12 PIXELS PER METER PIXEL CONTROL LED MODULE



AVAILABLE OPTIONS

CCT OPTIONS

RGBW



W = 3000K

W = 6000K



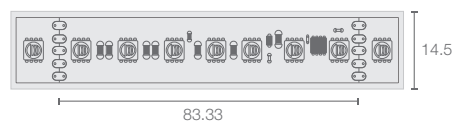
RGBW

DRIVER DIMMING OPTIONS



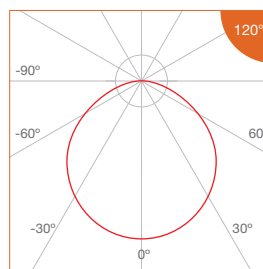
(DMX)

DIMENSIONS (MM)



- Width x Height : 14.5mm x 4mm (Silicone Sleeve)
- Cut Section : 7 LEDs, 83.33mm
- LED Pitch : 11.9mm
- LEDs per Meter : 84 LEDs/m

PHOTOMETRICS





Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Power Options	15W/m
Light Colours	Vibrant Red, Green and Blue, with White at 3000K / 6000K
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 20 wires at 150mm length
Ingress Protection	IP65 with silicone sleeve
Beam Angle	120°

Media Specifications

Pixel Density	RGBW: 12 Pixel per meter
Control Method	DMX 512
Length per pixel	83.3mm
Colour Temperature	RGBW(3000K), RGBW(6000K)

SPECIFICATIONS

Light Colour	Efficacy (lm/W)	Luminous Flux per meter (lm/m)	RGB Wavelength (nm) / White CCT
		15W/m	
Red	50.0	126 (@2.52W)	620 - 630
Green	76.0	271 (@3.57W)	515 - 525
Blue	20.3	72 (@3.57W)	460 - 470
White	110.0	587 (@5.34W)	3000K 6000K

ORDERING MATRIX

Module	Power		CCT		Length		Strip Option	
FM12-12PIX	15	15W/m	RGBW30	RGBW(3000K)	5M	5m Reel*	SS	IP65 Silicone Sleeve**
			RGBW60	RGBW(6000K)				

Example: FM12-12PIX-15-RGBW30-5M-SS

FM12 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.

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