

**PF5000x12-300SLM3535RGB**

**High Intensity RGB Flexible LED**

**Features**

- Full colour RGB Flexible LED light source
- High performance 3-chip-in-one 3535 emitters
- Easy to cut at intervals
- Wide 120° angle of emission
- Low power, low heat, long life
- 3M Adhesive backing tape



**Applications:** POS Display equipment & Backlighting

**Configuration**

Parameter	Rating	Unit
LED emitters PLCC 3535	300 pcs 3.5x3.5mm	TOTAL / reel
	60 pcs 3.5x3.5mm	/metre
LED pitch	16.66	mm
Dimensions 12vdc	5000x12mm cuttable at 50mm intervals	
Dimensions 24vdc	5000x12mm cuttable at 120mm intervals	
Termination	4x Flying wire leads 200mm long	
Connection	4 wire R,G,B, with Common +ve	
Optional termination via 4-way XHP-4 connector with 500mm leads		

**Electrical Characteristics**

Parameter	12v Rating	24v Rating	Unit
Input Voltage	12v Typical	24v Typical	Vdc
Current consumption / metre	840mA	460mA	mA/m
Current consumption total	4.2A	2.3A	A/ TOT / reel
Power consumption / metre	10W	14.4W	W/m
Power consumption total	50W +/- 5%	72W +/- 5%	W/TOT / reel
Operating Temp	-20 to +45°C		°C
Storage Temp	-10 to +55°C		°C

**Electro-optical characteristics**

Characteristics	Wavelength typ. nm	Intensity typ mcd	Unit
Intensity & colour	Red	620	750
	Green	520	2075
	Blue	470	572
Viewing Angle 2Θ1/2 (°)	120		degrees
Luminous Flux / metre (white mode)	700		lumens

Notes:

Optional encapsulation is available to provide IP65 or IP68 rating.

Specifications may be subject to change without notice