

PF5000x12-300SL5050RGBA-24V

Multi Colour RGBA Flexible LED Strip

Features

- Full colour flexible LED light source
- Four in one 5050 RGBA LED emitters
- Easy to cut at 100mm intervals
- Wide 120° angle of emission
- Low power, low heat, long life
- 3M Adhesive backing tape



Applications: POS Display equipment & lighting

Configuration

Parameter	Rating	Unit
LED emitters PLCC 5050	300 pcs 5.0x5.0mm	TOTAL / reel
LED pitch	16.66	mm
Dimensions	5000x12mm cuttable at 100mm intervals	
Termination	5x Flying wire leads 200mm long	
Connection	5 wire: Red, Green, Blue, White with Common +ve (yellow wire)	

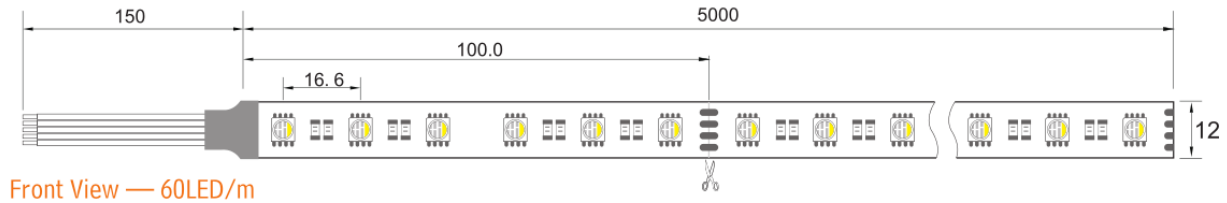
Electro-optical characteristics Ta=25°C

Part Numbers	nm	QTY/M	Luminous Flux (LM/M)	Current/M (24VDC)	Rated Power (W/M)
PF5000x12-300SL5050RGBA-24v	620-630	60 LEDs/m	120	0.2A	4.8W
	520-535		362	0.2A	4.8W
	460-475		97	0.2A	4.8W
	600-605		400	0.2A	4.8W
	All ON		1101	0.80A	19.2W

Operating Voltage	24v	Vdc
Operating Temp	-20 to +45°C	°C
Storage Temp	-0 to +55°C	°C

Dimensions

Dimensions (Unit: mm)



Handling notes:

Ensure that the correct low voltage dc power supply is matched to the flexible strip specification

Avoid repeated bending of the strip as this will damage the circuit and components and please observe the maximum bend radius of 30mm

Avoid handling of the surface components in particular the LED emitters as any pressure may result in damage and latent failures.

When cutting IP65 the ingress protection will be compromised please ensure that the assembly is re-sealed accordingly in order to maintain the IP rating

Installation notes:

To achieve a consistent luminous effect, each 5 metre should be connected to the power source.

To ensure long life we recommend that the strip is kept as cool as possible and environments where the temperature exceeds 40°C should be avoided

Drive & Control:

For control solutions please refer to our range of controllers and drive options which include DMX, RF Wireless, WiFi. More information may be found at <http://www.plusopto.co.uk/led-controllers.html>

Specifications may be subject to change without notice