

PF5000x10-480DL4040RGBW-24V

Multi-colour RGBW 4-in-1 Flexible LED Strip

Features

- Full colour bendable flexible LED light source
- Four in one 4040 RGBW LED emitters
- 96 LEDs/metre
- Easy to cut at 62.5mm intervals
- Wide 120° angle of emission
- Low power, low heat, long life
- 3M Adhesive backing tape



Configuration

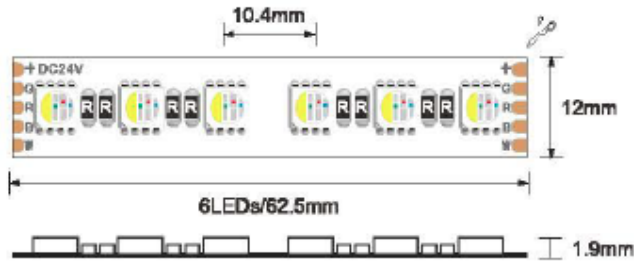
Parameter	Rating	Unit
LED emitters PLCC 5050	480 pcs 5.0x5.0mm	TOTAL / reel
LED pitch	10.4mm	mm
Dimensions	5000x10mm cuttable at 62.5mm intervals	
Termination	5x Flying wire leads 200mm long	
Connection	5 wire: Red, Green, Blue, White with Common +ve	

Electro-optical characteristics Ta=25°C

Part Number	nm	QTY/M	Luminous Flux (LM/M)	Current/M (24VDC)	Rated Power (W/M)
PF5000x10-480SL4040RGBWx-24v	RGBW	96 LEDs/m	952	0.7A	16.8W
	Red 636		149	0.175A	4.2W
	Green 520		397	0.175A	4.2W
	Blue 465		76	0.175A	4.2W
	Pure White 6000K		318	0.175A	4.2W
	Natural White 4000K		318	0.175A	4.2W
	Warm White 3000K		300	0.175A	4.2W
	Warm White 2700K		300	0.175A	4.2W

Operating Voltage	24v	Vdc
Current Consumption	16.8W	W/metre
Operating Temp	-20 to +45°C	°C
Storage Temp	-0 to +55°C	°C

Dimensions



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