

SL5050 RGBW Flexible LED Strip

Features

- Flexible LED Strip with 5050 emitters
- High performance emitters
- Choice of densities
- Cuttable
- Wide 120° angle of emission
- Low power, low heat, long life
- Optional IP65 rating



Applications

POS Display equipment decorative lighting & backlighting

Technical Specification

Part No	Colour nm / CCT typ.		LED Qty	Lumen output	Beam Angle	Voltage (Vdc)	Current (max)	Watts/M (max)
PF5000x14-300SL5050RGBPW-12v	Pure White	6000K	300	RGB 1500 PW 2000 NW 2400 WW 2000	120°	12v	7.2A	14.4W
PF5000x14-300SL5050RGBNW-12v	Neutral White	4500K						
PF5000x14-300SL5050RGBWW-12v	Warm White	3000K						

Strip may be cut at 83mm intervals

Part No	Colour nm / CCT typ.		LED Qty	Lumen output	Beam Angle	Voltage (Vdc)	Current (max)	Watts/M (max)
PF5000x12-360SL5050RGBPW-24v	Pure White	6000K	360	RGB 1500 PW 2000 NW 2400 WW 2000	120°	24v	3.6A	17.2W
PF5000x12-360SL5050RGBNW-24v	Neutral White	4500K						
PF5000x12-360SL5050RGBWW-24v	Warm White	3000K						

Strip may be cut at 166mm intervals

LEDs are based on 5050 package placed on 13.88mm pitch.

Parameter	Ratings	Unit
Termination	Flying wire leads 200mm long	
Termination (optional) XHP-2	Wire leads 500mm long with XHP-5	
Operating Temp	-30 to +40°C	°C
Storage Temp	-40 to +80°C	°C

Notes: Other voltage options and colours are available on request.

* 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

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