

**PNFA922-60SLD5050RGB-SK6812-12V**

**Flexible Addressable RGBW Neon LED Strip**

**Features**

- Flexible LED light source
- 5050 with Integral IC SMD emitters
- SK6812 IC SPI control
- Easy to cut at 125mm intervals
- Wide 270° angle of emission
- IP67
- 3 Year Warranty



**Applications**

POS Display equipment, signage, accent & decorative lighting

**Configuration**

Part No. series	PNFA922-60SLD5050RGB-SK6812-12V
LEDs / metre	60
LED Pitch	16.66mm
Reel Size / Qty	5M/600
Strip Width	9.0 / 12.0mm
Integral SPI signal compatible control IC	SK6812

May also be driven using DMX to SPI Decoder

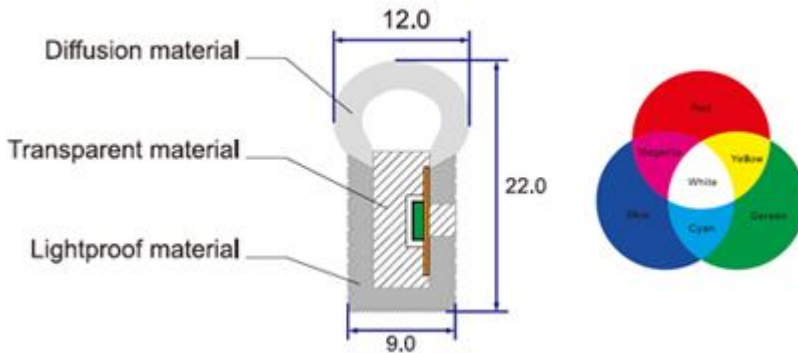
**Maximum Electrical Characteristics Ta=25°C**

Parameter	12VDC	Unit
Input Voltage	12v Typical	VDC
Current consumption / metre (max)	1.2A	mA/m
Current consumption total (max)	6.0A	A/ TOT / reel
Power consumption / metre (max)	14.4W	W/m
Power consumption total (max)	72W	W/TOT /5m reel
Operating Temp	-20 to +45°C	°C
Storage Temp	-10 to +55°C	°C

**Optical Characteristics Ta=25°C**

Emitted colour	Wavelength/CCT typ.	Luminous intensity. (mcd per LED)	Viewing Angle
Red	620-625	700-1000	270°
Green	522-525	1500-2200	
Blue	467-470	700-1000	
White			

## 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

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

When cutting IP65-IP68 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 length 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