

## Flexible LED Strip

### axl.fs12.144rgbw-11W



### Features

- 144 red green blue and white LED/m on a flexible 12mm circuit board
- Colour and white mixed: #RGB + #1800K
- High colour rendering — 95 CRI
- 11 Watts/metre
- 24Volts DC
- 3 years warranty

### Applications

- For indoor and integrated use. Outer jacket is heat-shrunk plastic for easy cleaning.
- Features 12mm width strip to create super-warm colorful light output.
- Suitable for events, home theatre, workshop, themed spaces, restaurants, cafes, bars.

### Physical

Dimension	
Strip width	12 mm
Cuttable length (min.)	~83 mm
Printed circuit width	12 mm
Roll length	5 m
Material	
Strip base	Flexible printed circuit board
Back	Peel-off adhesive
Ingress rating	IP54

### Electronic

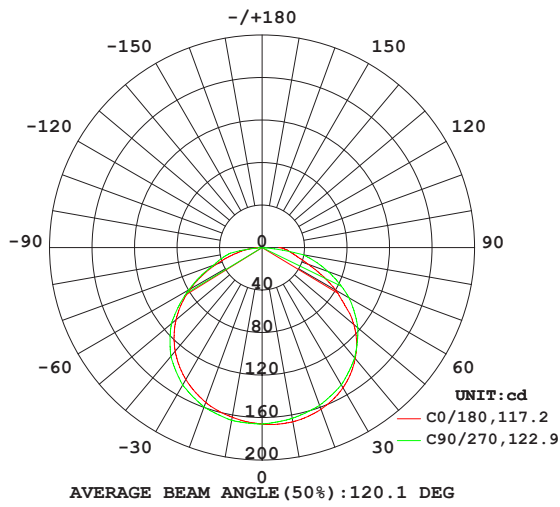
Connection	
Solder pads	5: [+] Positive (anode) [-] Green [-] Blue [-] Red [-] White
Component	
Light source(s)	5050 RGB SMT LED 2216 White SMT LED
Source density	144 LED/m
Performance	
Voltage	24 V
Current	~458 mA
Power (per metre)	11 W/m

### Optical

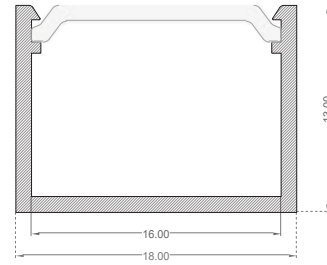
Output	
Lumens	523 Lm/m
Beam angle	120 °
Colour	
Rendering	95+ CRI
Matching	<3 SDCM
Options	
Red Green Blue Hot white	RGB + 1800K



## Polar diagram

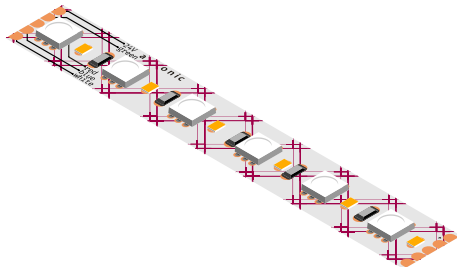


## Recommended profiles



sol.p18rect13.s16

## Models



axl.fs12.144rgbw-11W #1800K

### Attention:

1. Application surface must be smooth, clean and dry.
2. Sensitive electronics on-board. Handle with care.
3. Strip can be cut and joined at solder pads.

Note: Please quote the full product code while placing the order, along with the required colour temperature option where specified.

maker	pcb width	colour profile (red, green, blue and white)	colour temperature
axl	fs12	144rgbw	#1800K
	pcb type: flexible	LED density	power
			-11W