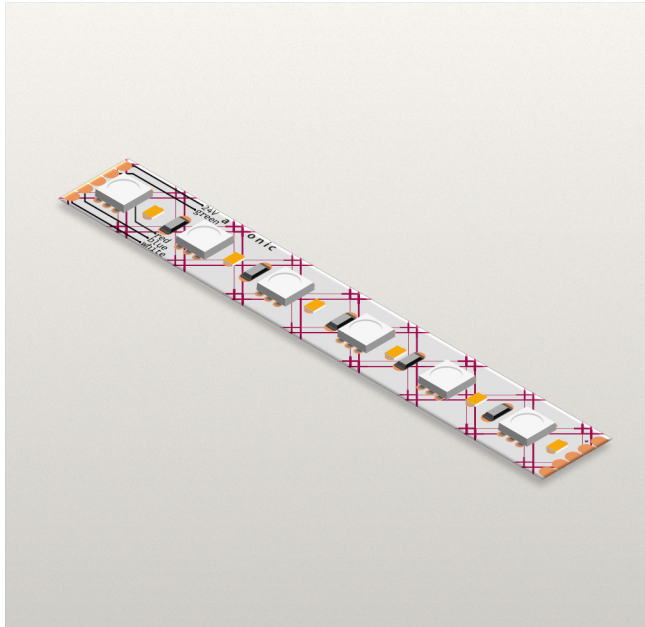


Flexible LED Strip

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 | 14 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

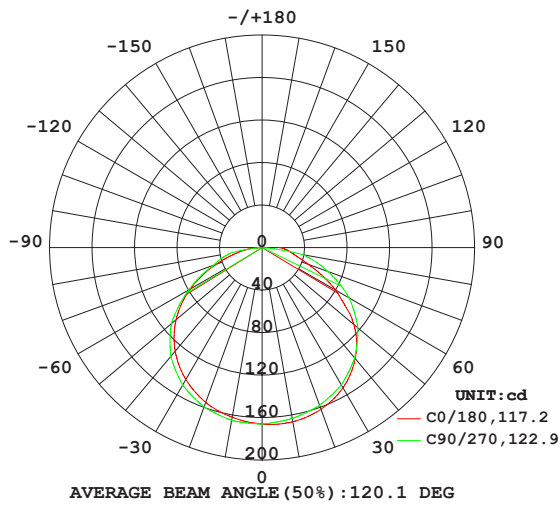
| Connection | |
|-------------------|--|
| Solder pads | 5: [+] Positive (anode) [-] Green [-] Blue [-] Red [-] White |
| Component | |
| Light source(s) | 5050 RGB SMT LED 2216 White SMT LED |
| Source density | 144 LED/m |
| Performance | |
| Voltage | 24 V |
| Current | ~458 mA |
| Power (per metre)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

Optical

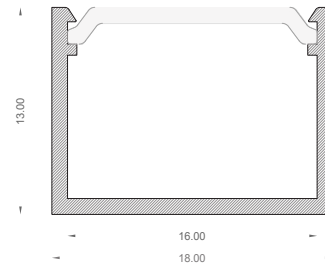
| Output | |
|--------------------------|-------------|
| Lumens | 523 Lm/m |
| Beam angle | 120 ° |
| Colour | |
| Rendering | 95+ CRI |
| Matching | <3 SDCM |
| Options | |
| Red Green Blue Hot white | RGB + 1800K |



Polar diagram

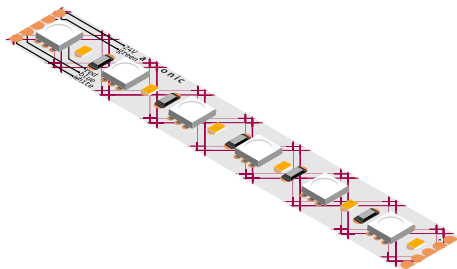


Recommended profiles



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 |