

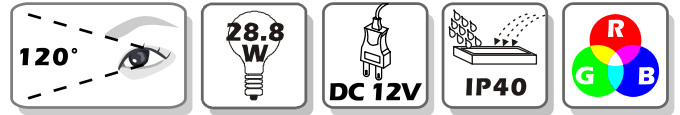


**iRGB RibbonStrip**

FRB01-RGB180SMD-VF (RGB, 120°)  
DMX/iRGB Controller

iRGB RibbonStrip **Benefits:**

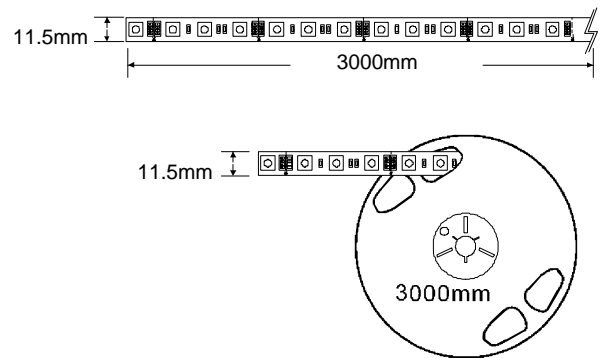
- Ultimate **Flexibility / Low profile** / Convenient / Utility
- **Low Cost** Color Changing Effects
- Extremely Low Operation Cost / Energy Efficient
- Super Long Life / Zero Maintenance
- **Constant Current Design**
- **Cutting Length** 3\*LED equal 50mm
- 120° viewing angle / **Saturated & Uniform Light** / No Cut-Off
- Application: All Indirect Lighting, Boarder-line, Signs, Glass Decoration, Cove Lighting, etc.



**Specification Features**

<b>Color Range</b>	Combining different brightness of red, green, blue LED produce over 16 million colors
<b>Dimensions</b>	L3000mm x W11.5mm x H2.5mm
<b>Light Source</b>	180pcs Ultra Bright 3-in-1 SMD
<b>Housing</b>	None
<b>Operating Temperature</b>	-20°C to 50°C (-4°F to 122°F)
<b>Starting Temperature</b>	-10°C to 50°C (14°F to 122°F)
<b>IP Rating</b>	IP40
<b>LED source life</b>	50, 000 hours
<b>Design</b>	Flexible PCB
<b>Accessory</b>	None
<b>Controller</b>	DMX Controller / iRGB Controller
<b>Weight</b>	110g

**Physical Dimensions**



**Electrical**

<b>Power Input</b>	DC 12V	<b>Control Mechanism</b>	DMX Control Device
<b>DC Current</b>	60mA		iRGB Control Device
<b>Power Consumption</b>	28.8W Max.	<b>Controller</b>	DMX decoder / iRGB controller
		<b>Data wiring</b>	Wires

**Optical**

<b>Lens</b>	None
<b>Beam Angle</b>	120°
<b>Light Distribution</b>	Symmetric direct illumination

**Light Output**

Color	Wavelength (nm)	Color Temp. (Typical)	Luminous Intensity (mcd)	Power Consumption (W)
Red	623-630	-	260~560	28.8W Max.
Green	522-525	-	700~1200	
Blue	462-468	-	200~380	