

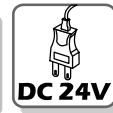
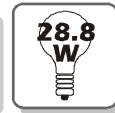


iRGB RibbonStrip

FRB01-RGB180SMD-VE (RGB, 120°, DC24V)
DMX/iRGB Controller

iRGB RibbonStrip DC24V **Benefits:**

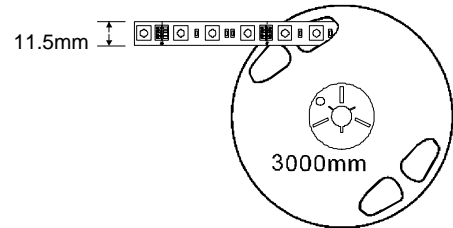
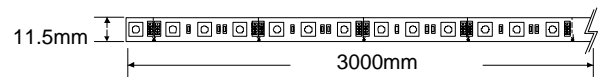
- Ultimate **Flexibility / Low profile** / Convenient / Utility
- **Low Cost** Color Changing Effects
- Extremely Low Operation Cost / Energy Efficient
- Super Long Life / Zero Maintenance
- **Constant Current Design**
- **Cutting Length** 6*LED equal 100mm
- 120° viewing angle / **Saturated & Uniform Light** / No Cut-Off
- Application: All Indirect Lighting, Boarder-line, Signs, Glass Decoration, Cove Lighting, etc.



Specification Features

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

Physical Dimensions



Electrical

Power Input	DC 24V	Control Mechanism	DMX Control Device
DC Current	60mA		iRGB Control Device
Power Consumption	28.8W Max.	Controller	DMX decoder / iRGB controller
		Data wiring	Wires

Optical

Lens	None
Beam Angle	120°
Light Distribution	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	