Derun Lighting Technology Co., LTD

DR-335FX60-12X

IP20

IP67

Features：

➢ Wide applicability，easy to install and maintain，long lifespan.

➢ Very flexible, easily be curved to any shape. Various colors available.

➢ Extremely luminous，with wide viewing angle.
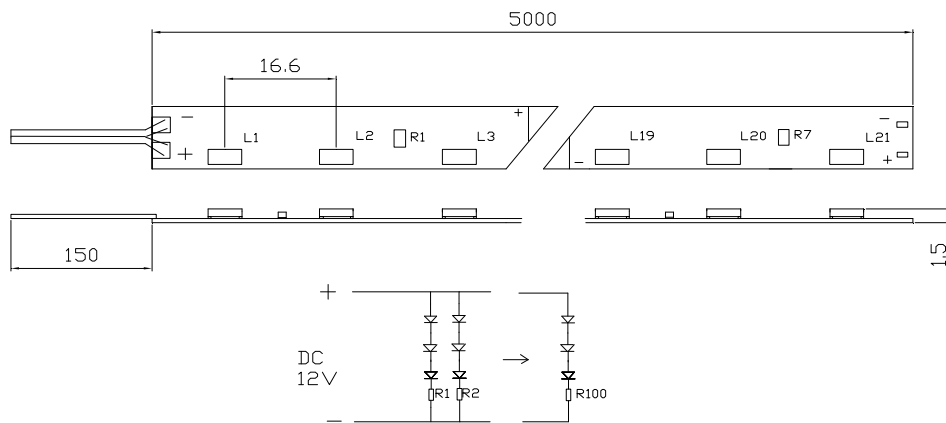
➢ Energy saving and environmental conservation.

Dimensions:

Notes:

1. All dimensions are in millimeters.

2. Tolerance is ±0.25mm unless otherwise specified.

3. Lead spacing is measured where the leads emerge from the package.

4. Specifications are subject to change without notice.

Application：

➢ Indoor decoration lighting.

➢ Large scale backlight.

➢ Window display lighting.

➢ Building contour decorative lighting.

➢ Ad. Signs.

Cautions:

➢ Linear separable LED strip on flexible printed circuit board with self-adhesive back.

➢ Each unit of 3 LEDs can be cut out as a regular segment without damaging the rest ribbon.

➢ The connector is being upgraded.

➢ We will keep customers to be informed.

Electrical/Optical Characteristics:

Part No.	Color	Operating Voltage	LED Quantity/m	Length	LED spacing	Power Dissipation/m
DR-335FX60-12R	*Red*	12DC	60	5m	16.6mm	4.8W
DR-335FX60-12Y	*Yellow*	12DC	60	5m	16.6mm	4.8W
DR-335FX60-12G	*Green*	12DC	60	5m	16.6mm	4.8W
DR-335FX60-12B	*Blue*	12DC	60	5m	16.6mm	4.8W
DR-335FX60-12W	*White*	12DC	60	5m	16.6mm	4.8W
DR-335FX60-12WW	*Warm White*	12DC	60	5m	16.6mm	4.8W

※ PCB Size: 5000mm*8mm

※ LED Quantity: 60leds/m

※ Working Voltage: 12V/24V

※ Power: 4.8W/M

※ Lumen: 5LM per led

※ PCB Color: White/Black/Yellow

※ Viewing angle: Side Viewing 90 degree

※ Waterproof: IP20 Non-waterproof

　　　　　　IP67 Silicon Tube Waterproof

※ Tape: 3M adhesive tape on the back for IP20 led strip

※ Clips & End Caps: 10pcs Clips & 2pcs End Caps per roll for IP67 led strip

※ Color Temperature: Warm white 2800-3200K　　White 6000-6500K

※ Package: 5M/ROLL with Anti-static Bag

※ Certification: CE, ROHS, UL Listed

※ Warranty: 3 Years

Note:

➢ Prohibit to use this product in excess of the operating voltage (DC12V) 5%.

➢ Non-waterproof products, and the working environment humidity is less than 60%.

➢ Don't add reverse voltage at both ends of the product.

➢ Products using indoor environment (not waterproof) is -40 ° C ~ 85 ° C, it would not work outside such environment.

➢ No weights extrusion, excessive meander.

➢ Life span is 50000h.

➢ Standard length:5 meters/reel or 8 meters/reel.

➢ Ribbon width: 8mm.

➢ Printed circuit board thickness: 0.25mm.

Assembly information

➢ Solder connection should only be performed on designated solder pads(marked"+/-),During soldering, don't exceed the maximum soldering time of 10 seconds and the maximum soldering temperature of 260 Celsius degrees.

➢ The smallest unit (50mm or 100mm-3LEDS) can be removed by cutting with scissors between the designated solder pads.

➢ The mounting of the ribbon is facilitated by means of the double-sided adhesive on the back-surface of the ribbon, Care must be taken to provide a clean and dry mounting surface, free of oils or silicone coatings as well as dirt partied, The mounting substrate must have sufficient structural integrity. Take care to completely remove the adhesive backing, Once the ribbon is appropriately positioned, Press on the ribbon with about 20N/cm2 (refer to application techniques of 3M adhesive transfer tapes).

➢ The minimum bending radius is 2cm.The ribbon may by bent over a smaller radius of the circuit board contained no Electronic components and such bends should be made once and fixed in position to avoid cyclic fatigue.

Safety information

➢ The SMD light ribbon itself and all its components may not be mechanically stressed.

➢ Assembly must not damage or destroy conducting paths on the circuit board.

➢ Installation of LED modules (with power supplies) need to be made with regard to all applicable electrical and safety standards. Only qualified personel should be allowed to

perform installations.
➢ Correct electrical polarity needs to be observed, Wrong polarity may destroy the ribbon.
➢ Parallel connection is highly recommended as safe electrical operation mode, Serial connection is not recommended, Unbalanced voltage drop can cause hazardous overload and damage the ribbon.
➢ Please ensure that the power supply is of adapters power to operate the total load.
➢ When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation points between ribbon and the mounting surface.
➢ Pay attention to standard ESD precautions when installing the ribbon.
➢ Damaged by corrosion will not be honored as a materials defect claim, it is the user's responsibility to provide suitable protecton against corrosive agents such as moisture and condensation and other harmful elements.

Pakage & Shipping