

iLinear™

R60T RGB LED Ribbon Strip



ATG ELECTRONICS

ATG Electronics® iLinear™ R60T RGB LED Ribbon Strip is flexible, slim, high brightness LED light strip, ideal for interior decoration lighting.

Small size and colorful light output make iLinear™ R60T RGB LED Ribbon Strip applicable for a wide range of projects, such as cove lighting, back lighting, channel letter lighting and other narrow area lighting.

Features:

Three-in-one chip to emit vivid RGB color;

Up to 30 different color-changing modes (work with specific controller);

Long life span of over 50,000 hours;

Flexible & slim form, cuttable at every 3LEDs;

Easy installation onto flat surface with 3M tape;

Higher brightness at lower cost with super bright LEDs;

Low voltage for safe application;

Low heat generation, no heat damage.



ATG
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Light your world
Color your life!

Applications:

Decorative lighting (cove lighting, back lighting) for homes, hotels, stores, yachts, bars, automobiles etc;
Channel letter lighting for your stores, restaurants, bars etc;
Shop display lighting for your articles.

Custom Design Service:

PCB: color and size (length, width, thickness)
LED Qty: more or less than 60LEDs/m as per request
Working Voltage: available in 12VDC, 24VDC etc
Housing: material, shape
Waterproof Treatment: yes

iLinear™ R60T for Decorative Lighting



It's nice to have a bit of colors in your spaces for style reasons. iLinear™ R60T gives you the solution. iLinear™ R60T can be installed into confined spaces such as pelmets, coffer ceilings, coves. So you can use it to color your home, hotel, store, yacht, bar, automobile, train etc. iLinear™ R60T is the flexible solution for each venue where you need a beautiful lighting. It can be easily flexed into different shapes as round, rectangle, square etc.



iLinear™ R60T for Channel Letter Lighting



Because of its pliability, you can flex iLinear™ R60T into different shapes, letters. In addition, with its colorful lighting output, you can more easily attract the attention of your potential customers.



iLinear™ R60T for Shop Display Lighting



Are you racking your brains over the problem how to attract your customer's attention to your articles displayed in your shop windows?

iLinear™ R60T is just what you want.



Part Numbers

Part Number	Description	Unit
HFS-R180T-300600-L1	60LEDs/m, 3m/Roll, RGB, 12VDC	meter

Technical Specifications

Physical Specifications

Dimension (one roll)	L3000*W11*H2 mm (L118*W0.43*0.08 inch)
Connectors	4-pin power connector
PCB Type	White flexible PCB
Work Environment	Indoor use, applicable for dry environment

Electrical Specifications

Lighting Source	SMD LED
LED Quantity	60LEDs/m
Operation Voltage	12 VDC
Operation Current	3.3 A
Power Consumption	40 W
Maximum Series-wound Quantity	3 m (9.84 ft)
Power Supply	12 VDC QDriver™ / XDriver™ LED Power Supply
Control Systems	DynColor™ 300-FS RGB DMX Controller (Part No: HCD-00300-000000-FS) QColor™ 310-FS RGB Mini Controller (Part No: HCD-00310-000000-FS) QColor™ 310-PE Signal Amplifier (Part No:HCD-00310-000000-PE)

Optical Specifications

Color range	RGB		
MCD (single LED)	Red: 300	Blue: 250	Green: 800
Lumens (one roll)	1024 lm		
Efficiency (lm/W)	25.6 lm/W		
Beam Angle (degree)	120		
Lumen Maintenance	>95%@1,000hrs		
Wavelength (nm)	Red: 620-625	Blue: 470-475	Green: 520-525



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