



ATG ELECTRONICS

ATG Electronics® iLinear™ R60 LED Ribbon Strip is flexible, high brightness LED strip light, designed for interior applications.

Small size and cool light output make iLinear™ R60 ideal for a wide range of applications, such as cove lighting, back lighting, illumination lighting, guidance lighting, channel letter lighting.

**Features:**

Long life span of over 50,000 hours;

Flexible & slim form, cuttable at every 3LEDs;

With 3M self-adhesive tape for easy installation onto most flat surfaces;

Emit higher brightness at lower cost with super bright SMD LEDs;

Produce even color between strips at the tightest color tolerances;

Low heat generation, no heat damage.



ATG  
Electronics Corp.

Light your world  
Color your life!

**Applications:**

Decorative lighting (cove lighting, back lighting) for homes, hotels, stores, yachts, bars, automobiles etc;  
Illumination lighting in any places that you want to take the place of conventional illumination for your purpose of reducing heat output;  
Guidance Lighting for cinemas, theatres, yachts, trains to guide people move around safely;  
Channel letter lighting for your stores, restaurants, bars etc.

**Custom Design Service:**

PCB: color and size (length, width, thickness)  
Colors: red, yellow, blue, green, white, pink, violet etc  
LED Quantity: more or less than 60 LEDs/m as per request  
Working Voltage: 12VDC, 24VDC etc  
Housing: material, shape  
Waterproof treatment: yes

## iLinear™ R60 for Cove Lighting



iLinear™ R60 can be installed into confined spaces such as pelmets, coffer ceilings, coves. So you can use it to decorate your home, hotel, store, yacht, bar, automobile, train etc.

iLinear™ R60 is the flexible solution for each venue where you need a professional cove lighting. It can be easily flexed into different shapes like round, rectangle, square etc.

## iLinear™ R60 for Back Lighting



iLinear™ R60 can be applied as back lighting in your stores, bars and other entertainment venues. With this method, you can make your place more colorful and extraordinary.



## iLinear™ R60 for Illumination Lighting



Conventional lighting will produce huge amounts of heat which may bring heat damage to your health & your furniture.

iLinear™ R60 can be used as illumination lighting for your purpose of reducing heat from conventional lighting. You can just rank several iLinear R60 together to achieve your ideal illumination purpose.

## iLinear™ R60 for Guidance Lighting

iLinear™ R60 provides a flexible light source ideal for applications such as cinema light installations and theatrical way guidance systems. You can use iLinear™ R60 for illuminating the dark stages or the dark areas to guide people move safely.



# iLinear™ R60 for Channel Letter Lighting



Because of its pliability, you can flex iLinear™ R60 into different shapes, letters. With iLinear™ R60, you can more easily attract the attention of your potential customers.



## Part Numbers

Part Number	Description	Unit
HFS-R360R-600600-L1	60LEDs/m, 6m/Roll, Red, 12VDC	meter
HFS-R360Y-600600-L1	60LEDs/m, 6m/Roll, Yellow, 12VDC	meter
HFS-R360B-600600-L1	60LEDs/m, 6m/Roll, Blue, 12VDC	meter
HFS-R360G-600600-L1	60LEDs/m, 6m/Roll, Green, 12VDC	meter
HFS-R360N-600600-L1	60LEDs/m, 6m/Roll, Natural White, 12VDC	meter

## Technical Specifications

### Physical Specifications

Dimension (one roll)	L6000*W11*H2 mm (L236*W0.43*0.08 inch)
Connectors	2-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	12VDC
Operation Current	2.4A
Power Consumption	28.8 W
Maximum Series-wound Quantity	6 m (19.6 ft)
Power Supply	12 VDC QDriver™ / XDriver™ LED Power Supply
Control System	QColor™ Remote Dimmer (Part No: HCD-00001-000000-RD)

### Optical Specifications

Color range	Red	Yellow	Blue	Green	White
MCD (single LED)	380	400	250	800	1500
Lumens (one roll)	400	415	386	1296	1512
Efficiency ( lm/W)	13.9	14.4	13.4	45	52.5
Beam Angle (degree)	120	120	120	120	120
Lumen Maintenance	>95%@1,000hrs	>95%@1,000hrs	>95%@1,000hrs	>95%@1,000hrs	>95%@1,000hrs
Wavelength (nm)	605-700	580-595	435-480	500-560nm	—*

\*Color temperature: 5,000K-6,500K



**ATG ELECTRONICS**

**ATG Electronics Corp.**

628 Zhangyang Road, Suite 1-21B, Shanghai 200122, CHINA  
www.atgelectronics.com      E-mail: sales@atgelectronics.com  
Phone: +86-21-58350166      Fax: +86-21-58351977

V4.2-080121