



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-R360W-600600-L1	60LEDs/m, 6m/Roll, 2800-3200K, 12VDC	meter
HFS-R360N-600600-L1	60LEDs/m, 6m/Roll, 5500-6500K, 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	24 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	1600
Luminous Flux (one roll)	—	—	—	—	1650
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:

Warm White: 2800-3200K

Cool White: 5500-6500K



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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

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