

Infinity™

K108T RGB LED Rope Lights



ATG Electronics® Infinity™ K108T RGB LED Rope Lights are the right solution for indoor/outdoor linear lighting applications; they can produce vivid RGB color changing effects.

Utilized with high intensity LEDs (chip origin: Taiwan), Infinity™ K108T works at 110VAC (minimum cut: 1 meter or 3.3 feet) or 220VAC (minimum cut: 2 meter or 6.6 feet) and received data directly from the DynColor™ 300-RL DMX controller. It is compatible with DMX Console and easy to produce world-class color changing effects. The plastic housing is made by anti-UV technology, can be installed outside and produce a good performance.

They can only be cut at the specified points with cutting marks. Waterproof treatment on the ends of the rope lights (joint with power cord and end cap) shall be made with silicon glue to protect the rope light from rains.

Infinity™ K108T come with accessories including 1 meter (3.3 feet) power cord & plug, 1 meter signal cable, plastic mounting clips, coupler connectors, double connectors (with 1 meter power cord) and end caps.

Infinity™ K108T has been successfully used to create long ribbons of color for architecture lighting to highlight the outline of buildings, guidance lighting in cinemas, airports etc, holiday decoration lighting on homes, restaurants and trees etc, and landscape lighting for parks and gardens.



ATG
Electronics Corp.

Light your world
Color your life!

Features & Benefits:

High brightness with ultra bright LEDs and clear, transparent UV-stabilized PVC flexible housing;
RGB color-changing modes controlled by RGB Controllers;
Flexible, easily connected and installed with accessories;
Long life span of over 50,000 hours with high quality LEDs and stable soldering connection;
IP66 degree, applicable for dry, wet and damp environment;
Little light decrease, low heat generation, and no heat damage.

Recommended Applications :

Decoration lighting (cove lighting, under-cabinet lighting, windows display lighting) for homes, hotels, restaurants, stores, yachts, bars, clubs, vehicles, walkways etc;
Architecture lighting for homes, hotels, stores, restaurants etc;
Landscape lighting for patios, decks, gardens, parks, walkways etc.

Infinity™ K108T for Decoration Lighting



With its colorful output, Infinity™ K108T creates a versatile lighting effect. So it is perfect for catching attention and creating fancy impression.

Infinity™ K108T is usually used for interior decorations of discos, night clubs, restaurants, hotels, stores, vehicles and homes.



Infinity™ K108T for Architecture Lighting



Do you think it is difficult to make your buildings stand out among the architectural complexes? Infinity™ K108T gives you the simple solution. You can use it to create a stunning look to your building outlines, windows, decks etc.



Part Numbers

Part Number	Description	Unit
HRL-K108T-1F4150-H1	Ultra bright, F4, 108LEDs/m, RGB, 120VAC, 1m/cut	M
HRL-K108T-2F4150-H2	Ultra bright, F4, 108LEDs/m, RGB, 240VAC, 2m/cut	M

Technical Specifications

Physical Specifications

Connectors	4-pin power connector
Housing	PVC PCB
IP Rating	IP65 (applicable for dry, wet and damp environment)

Electrical Specifications

Lighting Source	High Intensity LEDs
LED Quantity	108LEDs/M
Operation Temperature	-20 °C ~60 °C (-4°F ~140°F)
Input Voltage	120VAC/240VAC
Power Consumption	7.2W/M@120VAC, 14.4W/M@240VAC
Control System	DynColor™ 300-RL RGB DMX Controller (Part Number: HCD-00300-000000-RL) or Qcolor™ 204-RL RGB Simple Controller (Part Number: HCD-00204-000000-RL)
Maximum Series-wound Quantity	50 meter (165 feet)

Optical Specifications

Color range	RGB		
Lumens (one meter)	72 lm		
Wavelength(nm)	Red: 620-625	Green: 520-525	Blue: 470-475



ATG ELECTRONICS

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V4.3-080820