

LED

FLEXIBLE AND RIGID LED LINEAR SOLUTIONS



* Private Villa, Hong Kong, Repulse Bay.



RGB LED Neon Flex™

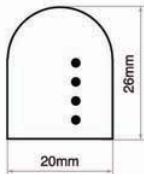
RGB LED Neon Flex™ embodies all the benefits of LED Neon-Flex™ (A-Grade) with the additional of RGB color changing technology. RGB LED Neon-Flex™ provides complete RGB color changing through intensity changes of the R, G, B, LEDs.

RGB LED Neon Flex™ incorporates new Ultrabright LEDs to enhance the products brightness. RGB LED Neon Flex™ is a perfect replacement where traditional glass neon is applied in various colors to achieve a color changing appearing effect. RGB LED Neon Flex™ provides virtually 16.7 million colors of linear color changing.



Demo Kit

Cross Section



INDOOR USE OUTDOOR USE

Features and Benefits

- Full RGB linear color control of up to 16.7M colors.
- Consistent and Stringent Wavelength control standards +/-5nm
- New Ultrabright LEDs
- White PVC Base Layer to increase luminosity
- 100% unbreakable
- Low Voltage Safety
- Low Maintenance Costs
- Flexible • Unique PVC double jacket
- Controllable color changing effects
- 100% waterproof
- Extra Long Life • Easy to Install
- 1/10 the energy consumption of glass neon

Specifications

Item No.	LN-FX-RGB-25-240V	LN-FX-RGB-81-120V	LN-FX-RGB-81-24V
Length in Roll	24.7m	81Ft	81Ft
LED Spacing	0.5"	0.5"	0.5"
Total No.of LED	5832	5832	5832
Total Watts	324W	324W	388.8W
No.of LED per unit	216	108	18
Cutting unit	0.91m	1.5Ft	1/4Ft
Watts per Meter or Foot	13.1W/m	4W/Ft	4.8W/Ft
LED Color	RGB	RGB	RGB
Max.Loading Length	120m	200Ft	33Ft
	with SRC-191-3C-240V controller	with SRC-191-3C-120V controller	with SRC-191-3C-24V controller

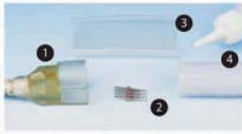
LED

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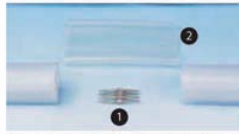
This fixture must be installed by a qualified electrician. **LED** is not responsible if its fixture are not installed according to local safety standards. Please leave a copy of these instructions for the person responsible for the maintenance of the installation.

Connection

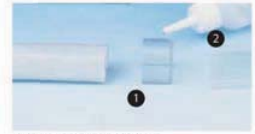
1. Easy Connector with Splice Junction (Indoor Not Waterproof)



Power and Control Main Connection
 1. Female power connector LN-FX-CA-1
 2. Male connecting pin LN-FX-CA-2
 3. Heat shrink tube
 4. PVC Glue



Splicable connector includes
 1. Male connecting pin LN-FX-RGB-CA-3
 2. Heat shrink tube



Affixing the End Cap
 1. LN-FX-RGB-CA-4
 2. PVC Glue

2. Molded Connector (IP44)



Front connector includes
 Molded power connector LN-FX-M-1

Molded end cap
 LN-FX-M-2

3. Conch Connector (IP44)

This construction is waterproof if applied properly.



Controllers and Power Supplies



**SRC-
High Voltage Power Supply and
Controller**

1. Controller



**SRC-
Low Voltage Power Supply and
Controller**

1. Controller
 2. Switch Power Supply

For more information on the controllers above see Page P502-507 of this catalog.

Package



150' (50m) package in plastic reel

Installation

Installation Notes

- A Catalog is not a substitute for a user manual. The installation illustrations to the right are for reference only
- Always follow the instructions in the provided user manual
- Cut only on the cut marks provided on the fixture housing
- When applying linear solutions to a channel make certain to use an appropriate silicone adhesive between the base of the channel profile and the fixture housing to eliminate stretching over time.



Cutting mark
LN-FX-RGB Must be cut only on the indicated mark



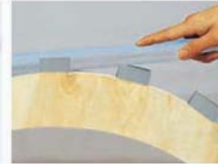
Linear Installation
1. Aluminum Channel LN-FX-RBG-CH
2. Apply an adhesive silicone between the channel base on fixture housing to prevent slippage and stretching over time



Curve installation
1. Mini channel LN-FX-RGB-5
2. Screw



90° Installation
1. Mini channel LN-FX-RGB-5
2. Screw



Convex installation
Mini channel LN-FX-RGB-5



Concave installation
Mini channel LN-FX-RGB-5



Channel Installation
1. Apply an adhesive silicone between the channel base on fixture housing to prevent slippage and stretching over time.
2. Press LED Neon-Flex™ RGB into the channel with even pressure from the beginning to the end.

