



Customer Name

Project Name

Part Number

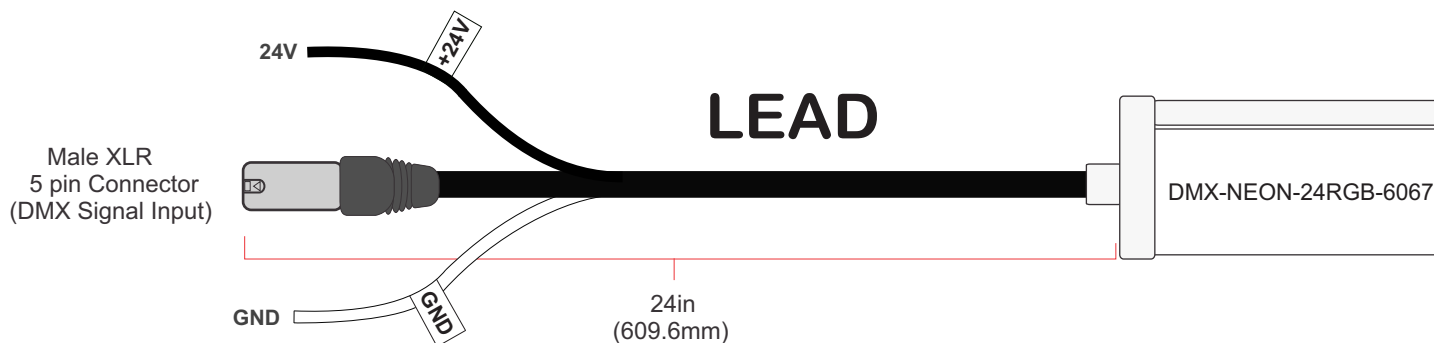
Description

SIRS-E® DMX NEON 24V RGB LED Strip features full color and high efficacy. It is designed to provide multicolor lighting for reception halls, corridors and other venues.

Product Specifications

Input Voltage	24V DC	Cut	Cuttable at every pixel ¹
Control Method	DMX 512 Control - 1 Pixel every 6 LEDs	Reel Length	32.8 ft / 10 m
Dimming	DMX512 Control - Pixel by Pixel	Max Run Length	32.8 ft / 10 m, powered from both sides
Channels/Pixels	3 Channels per pixel (300 Channels Total)	Segment Width	3.93 in (100 mm)
LED Chip Type	High Quality SMD - 3-Diodo RGB	Customized length	Yes
LED Density	19 LEDs/ft / 60 LEDs/m	Cable Material	Waterproof Neoprene
Power Consumption	4.4 W/ft	Mounting	Bracket ³
Lumen/meter	185 Lm/m	Environmental	IP 67 - Dry and Damp Locations
Beam Angle	160°	Resistant Material	UV Resistant
Operating Temperature	-4°F to 104 °F	Warranty	2 Years Limited
Luminous Flux Maintenance	50,000 hrs ²	Certificate	CE, RoHS

Wiring Diagram



1 - The DMX NEON 24V RGB LED strips are cuttable every pixel. You need to cut at 3.93in (100mm), represented where the solder joints are. Cuttable only by the manufacturer for customer length.

2 - After 50,000 hrs: 30% Luminous Flux loss, 10% Chromaticity change, as per LM-80-15

3 - It is recommended two brackets per meter (included).

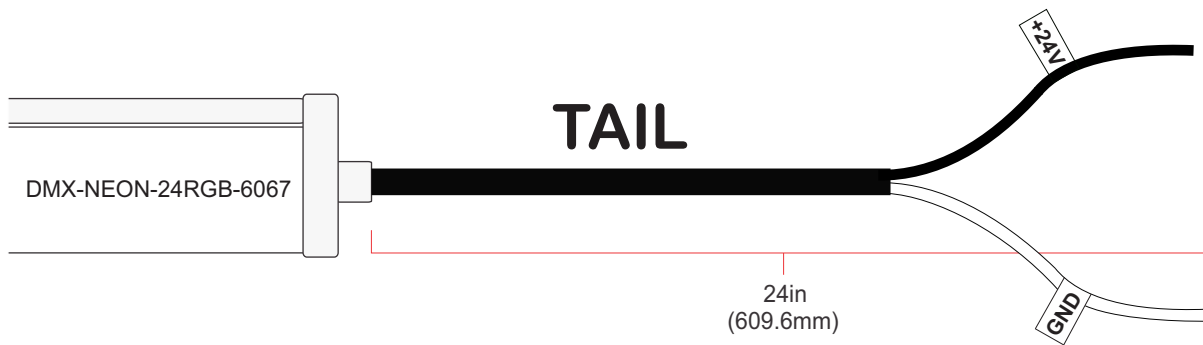
Ordering Guide

	Type	Voltage	Color	Density	IP
DMX	NEON	24	RGB	60	67

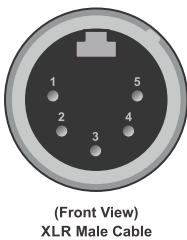
Product Country of Origin

Product Engineering & Design	USA
Assembled	China Preassembled / USA Final Assembly
QC Quality Control	USA
Product Customization	USA
Technical Support	USA

Wiring Diagram



Color Code Male XLR 5 pin



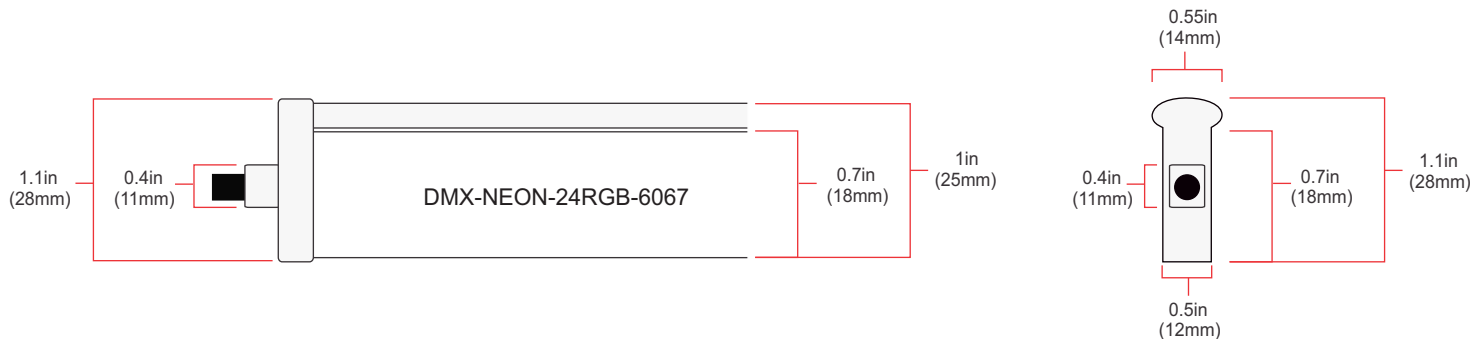
Color Code XLR

Pin 1 - V- / Ground	Blue
Pin 2 - B / DMX-	Brown
Pin 3 - A / DMX+	Green
Pin 4 - NC	
Pin 5 - NC	

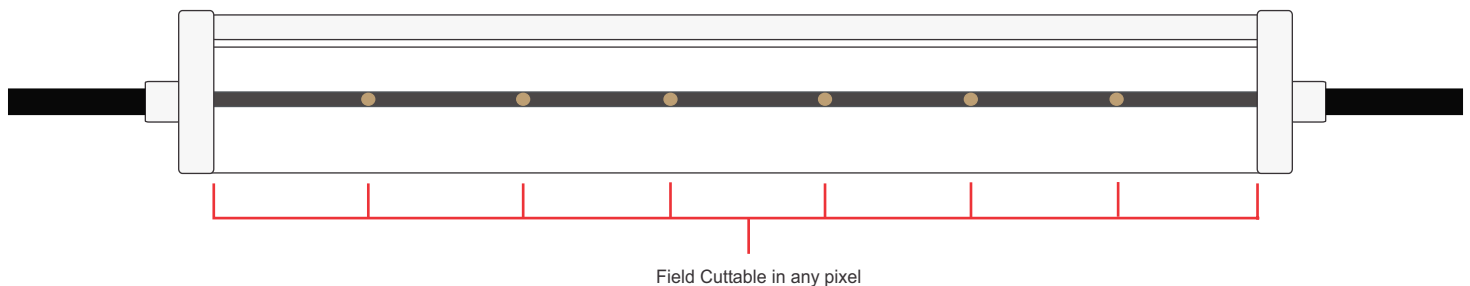
Color Code LED Strip

Blue	Ground
Brown	B
Green	A
Black	+24V
White	Ground

Mechanical Dimensions

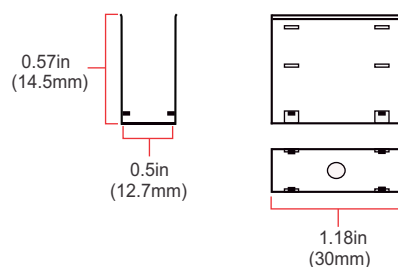


Cutting



The DMX NEON RGB LED strips are cuttable every pixel. You need to cut at 3.93in (100mm), represented where the solder joints are. Cuttable only by the manufacturer for customer length.

Brackets Detail



About Us



SIRS-E® / semiconductor - illumination - research - solutions /
In 2004, SIRS-E® began research into the use of high powered LED components to be applied in direct lighting fixture and LED strips.

In 2005, SIRS-E® developed the RGB HPL01-12 watt (60 lumens per watt efficiency) RGB lighting fixture controlled via DMX using LumiLEDs, one of the first high powered LEDs eventually acquired by Phillips. Included in nearly research solutions, was the development and testing of many different LED strips intended to be used for direct RGB lighting and effects applications. This was the beginning of what we now know as SIRS-E®.