

MORGAN HOPE FLEXIBLE NEON BORDER LED

Traditional NEON effect, 21st Century technology.....

A Low Wattage - High Output - LED Flexible Tube designed to replace Neon and Cold Cathode Lighting.

The MORGAN HOPE Neon Border LED is a flexible tubing system using high output LED technology enclosed in a colored PVC extrusion. It is designed to replicate the light source normally provided by Neon or Cold Cathode feature lighting. This brightly colored tube is designed to emit rich and vibrant feature lighting at night when powered and retain its accent color during the day when switched off.

The Benefits of the Morgan Hope Flexible neon lights are numerous including:-

Low wattage-high output, extremely long lifetime, low maintenance, very durable PVC exterior, easy to install and suitable for both indoor and outdoor installations.

Applications for the MORGAN HOPE Flexible Neon Border cover areas such as:

- Feature Band lighting for Restaurants, Bars, Clubs, Hotels, Petroleum Stations, etc....
- Cove Lighting for both exterior and interior applications.
- Feature band lighting for signage and billboards.
- Back lighting signage applications.
- Accent and Wall Wash lighting for bridges, buildings, towers, monuments, etc.....

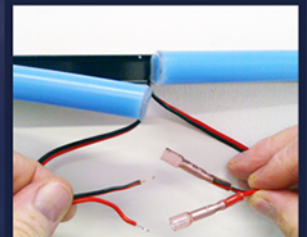


FLEXIBLE NEON BORDER LED

Morgan Hope Flexible Neon Border LED is supplied in 6 foot lengths (actual measurement 70 Inches). Custom lengths are available upon request. Certain sections are manufactured to enable the installer to field cut the product every 3 inches, see field cutting instructions.

The Morgan Hope Flexible Neon Border LED 24VDC system carries a 5 year limited warranty and requires Morgan Hope LED power supplies and surge protection to complete the system.

The light engine uses high output, high quality surface mount LED's mounted on printed flexible circuit board. This circuit board is then completely encapsulated in silicone to maintain a water tight seal. The light engine is mounted into a UV grade PVC exterior and is factory sealed. Industrial grade sealant is injected into the tubing to ensure a waterproof seal.



Technical Specifications

Input Voltage:	Low Voltage 24V
Length of product:	Sold in 6 foot sections (actual length 70") and custom lengths. **
Cutting section:	Every 3 inches on dedicated cutting mark sections
Power Supply:	Use only Morgan Hope 24V LED driver. Available in 100W and 60W output.
Consumption per foot:	1.8W for - Red - Yellow - Orange 1.6W for - Green - Blue - White - Warm White
LED's per foot:	25 surface mount LED's.
Tube Size:	Width: 9mm Height: 23mm
Available Colors:	"RD" for RED "YL" for Yellow "OR" for Orange "GR" for Green "BL" for Blue "CW" for Cool White 6500K "WW" for Warm White 3000K
Warranty:	5 Year Limited Warranty
Mounting Options:	Aluminium Channel, PVC Channel
Maximum power length:	100W Driver 40 feet. 60W Driver 25 feet.
System Certifications:	UL and cUL Recognized, CE, ROHS
Operating Temperature:	-40 degrees C thru +70 degrees C.

** Product may contract or expand with temperature fluctuations

Accessories

