Features

- 3-in-1 5050 RGB LEDs every 0.33"
- 120° beam angle
- cETLus Listed† for up to 65ft run lengths (can be field cut every 12" and maintain cETLus Listing)
- Suitable for indoor and outdoor use
- Sold as 65ft reels†
- Requires the use of Trulux Controller/Receiver Combo with Adaptive driver (when using included power connector kit; max run 50 feet or 24V DC Power Supply & RGB Controller Set (max run 65 feet)
- 30,000 hours rated life

Available Colors

RGB

Control Options

- 24V DC Power Supply & RGB Controller Set (max run 65 feet)
- Trulux DMX Controller/Receiver combo and Adaptive driver (max run 50 feet)

Listing / Ratings†

Polar 2 RGB Neon - 24V

Constructed with a durable PVC jacket and backing, the 24V DC Polar 2 RGB Neon is robust and reliable. Parallel wiring to each LED means if one LED goes out, the rest still get power. It is also highly energy efficient, using less than 3 watts per foot and possessing a 30,000 hour rated life. Choose from a variety of Trulux and other control options for preset color selection and dynamic effect lighting fades with speed control (50 foot max run) or 24V DC Power Supply & RGB Controller Set (65 foot max run).
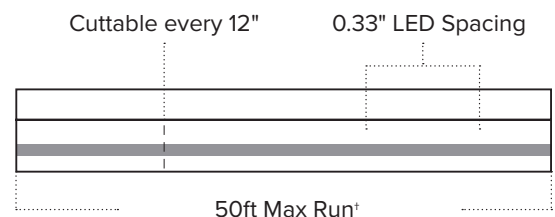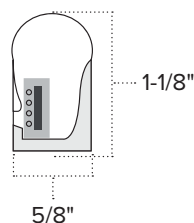
Technical Information

Series	RGB-NF
Input Voltage	24V DC
CCT	RGB
Wattage	2.7 watts per foot
Max Run	65 feet†
Cuttable	Every 12"
IP Rating	IP65**
Dimmable	RGB / DMX Control*
Rating	cETLus Listed† for indoor/outdoor use
Rated Life	30,000 hrs

*Requires the use of an RGB or DMX controller
**IP65 rated only when used with pre-attached molded power cord and end cap is properly sealed with dielectric grease, silicone and shrink tube
†ETL Listing for 24V Polar 2 RGB Neon is valid for lengths cut to 65 feet or less and only when factory installed (attached) power connection is used (American Lighting warrants up to 65 feet maximum run using 24V DC Power Supply & RGB Controller set; 50 feet max run with Trulux Controller/Receiver combo with Adaptive driver)

1-1/8"

5/8"

Cuttable every 12"   0.33" LED Spacing

50ft Max Run†

TRULUX LIGHTING SYSTEMS

TASK LIGHTING

DOWNLIGHTING

POLAR 2 RGB NEON
PREMIUM

ARCHITECTURAL LIGHTING

POWER SUPPLIES

Polar 2 RGB Neon
24V DC / 2.7W/ft

POLAR 2 RGB ORDERING INFORMATION

| ITEM NUMBER	CCT	LENGTH	LUMENS / FT	WATTAGE / FT	IP RATING	CRI	CUTTING
RGB-NF-24V-65	RGB	65 ft	N/A	2.7W / ft	IP65	N/A	12" (305mm)

Polar 2 RGB Reels Include: (1) 65ft reel / (1) Attached 5ft power connector kit (cETLus Listed)
(4) Additional 5ft power connector kits (non-rated)

POLAR 2 RGB ACCESSORIES

ITEM NUMBER	DESCRIPTION
RGB-NF-CONKIT-NP	24V power connector kit
RGB-NF-JUMP.5	6" linking cables
RGB-NF-JUMP3	3' linking cables
RGB-NF-JUMP10	10' linking cables
P2-NF-INVS	In-line splice
P2-NF-CLIPS	Mounting clips (qty 10)
RGB-NF-CHAN-3	3' Mounting channel
DMX-3Z	3 zone touch plate DMX wall controller
REC-DMX-RJ45-5CH	Trulux DMX 5-channel receiver

RGB-NF-CONKIT-NP
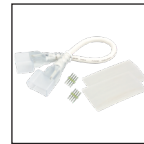
RGB-NF-JUMP.5
RGB-NF-JUMP3
RGB-NF-JUMP10
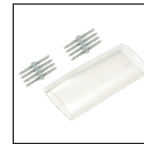
P2-NF-INVS

P2-NF-CLIPS
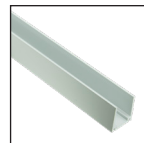
RGB-NF-CHAN-3

DMX-3Z

REC-DMX-RJ45-5CH

Polar 2 RGB DMX Controller Set-up

RGB DMX Controller
(3 Zone)

+

Adaptive Series Power Supply
(30W / 60W / 96W / 192W / 288W)

+

Trulux DMX Receiver
(Required)

+

Polar 2 RGB