

## POLAR 2 NEON



Continuous line of light for indoor or outdoor use, available in 24V and 120V options each with eight color choices. Parallel wiring to each LED ensures that if one LED goes out, the rest stay lighted.

### Performance

- 1/3" LED spacing and opaque jacket provide uniform appearance for direct view applications
- 3528 SMD LEDs emit up to 90 lumens per foot
- Dimmable with most standard, low voltage magnetic and low voltage electronic dimmers\* (minimum loads may apply)
- Suitable for indoor and outdoor use, 120V 150ft reels are cETLus Listed unless cut; 24V 150ft reels are cETLus Listed for lengths cut to 65 feet or less

### Construction

- Reels have attached power connection and end cap on dead end; four additional P2-NF-CONKIT-8A kits are included with each 120V reel and four additional P2-NF-CONKIT-NP kits are included with each 24V reel
- Flexible rubber housing with frosted or colored PVC lens are protected with UV inhibitor

### Installation

- Use clips to hold in place for most indirect view installations
- Clear plastic track or aluminum channel should be used for direct view installations and when mounting to the underside of a shelf or ledge to prevent sagging



### Specifications

Series	P2-NF
Input voltage	120V AC, 60Hz or 24V DC
Colors	WW/WH/AY/BL/GR/OR/PI/RE
CRI or nm	See individual product
Wattage	2.4W/ft (120V) / 2.8W/ft (24V)
Lumens	See individual product
Reel length	150 feet (120V and 24V)
Maximum run	150 feet (120V) or 65 feet (24V)
Cuttability	18" (120V) or 12" (24V)
Beam angle	120°
Dimming	10-100% with most dimmers*
Material	Opaque PVC jacket, white PVC back
Rating	c/ETL/us Listed for wet locations**
Dimensions	5/8"W x 1-1/8"H
Switching	Wall control
Mounting	Clips, mounting track or channel
Linking	See linking cables
LED type	3528 SMD LEDs (36 per foot)
Rated life	30,000 hrs

\*Per the NEC, switched wall outlets cannot be used with wall dimmers  
 \*\*c/ETL/us Listing for 120V is void if product is cut; c/ETL/us Listing for 24V is valid for lengths cut to 65 feet or less

## Polar 2 Neon



**P2-NF-WW** (120V)  
**P2-NF-24V-WW** (24V)  
 Warm White LEDs • 79CRI  
 Opaque white jacket  
 (120V) 2700K • 63Lm/ft  
 (24V) 2700K • 90Lm/ft



**P2-NF-WH** (120V)  
**P2-NF-24V-WH** (24V)  
 Bright White LEDs • 78CRI  
 Opaque white jacket  
 (120V) 5000K • 63Lm/ft  
 (24V) 5000K • 90Lm/ft



**P2-NF-AY** (120V)  
**P2-NF-24V-AY** (24V)  
 White LEDs  
 Opaque Amber jacket  
 (120V) 590nm • 21Lm/ft  
 (24V) 590nm • 34Lm/ft



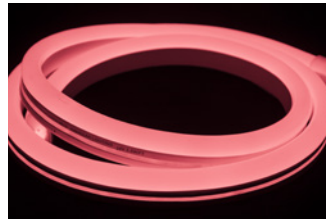
**P2-NF-BL** (120V)  
**P2-NF-24V-BL** (24V)  
 Blue LEDs  
 Opaque blue jacket  
 (120V) 469nm • 5Lm/ft  
 (24V) 469nm • 9Lm/ft



**P2-NF-GR** (120V)  
**P2-NF-24V-GR** (24V)  
 Green LEDs  
 Opaque green jacket  
 (120V) 520nm • 25Lm/ft  
 (24V) 521nm • 50Lm/ft



**P2-NF-OR** (120V)  
**P2-NF-24V-OR** (24V)  
 Orange LEDs  
 Opaque amber jacket  
 (120V) 606nm • 12Lm/ft  
 (24V) 606nm • 15Lm/ft



**P2-NF-PI** (120V)  
**P2-NF-24V-PI** (24V)  
 Pink LEDs  
 Opaque white jacket  
 (120V) 610nm • 17Lm/ft  
 (24V) 610nm • 27Lm/ft



**P2-NF-RE** (120V)  
**P2-NF-24V-RE** (24V)  
 Red LEDs  
 Opaque red jacket  
 (120V) 619nm • 5Lm/ft  
 (24V) 619nm • 8Lm/ft

## Polar 2 Neon Accessories



**P2-NF-CONKIT-8A**  
 120V power connection kit  
 Includes: (1) 120V AC 5ft power cord with 8A inverter, (1) power pin, (1) end cap and (2) 4" sections of shrink tube



**P2-NF-CONKIT-NP**  
 24V power connection kit  
 Includes: (1) 5ft power cord (without plug, without inverter), (1) power pin, (1) end cap and (2) 4" sections of shrink tube



**P2-NF-JUMP5** 6" cable  
**P2-NF-JUMP3** 3ft cable  
**P2-NF-JUMP10** 10ft cable  
**P2-NF-JUMP20** 20ft cable  
 Jumper (linking) cables  
 Includes: (2) power pins and (2) 4" sections of shrink tube



**P2-NF-SPLS**  
 Splice Kit  
 Includes: (1) connection sleeve assembly, (2) power pins, and (2) 3" sections of shrink tube (Bag of 10)



**PLR-NF-ENDS**  
 Clear plastic end caps  
 (10 per bag)



**PLR-NF-CLIPS**  
 2" aluminum mounting clips with (2) mounting screws



**P2-NF-TRACK-3**  
 3ft plastic mounting track  
 23/32" w x 13/32" h



**P2-NF-CHAN-3**  
 3ft aluminum mounting track  
 23/32" w x 25/32" h



**P2-NF-INVS**  
 Invisible Splice Kit  
 Includes: (1) splice pin and (1) 3" section of shrink tube (Bag of 10)