

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 c/ETL/us Listed unless cut; 24V 150ft reels are c/ETL/us 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/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



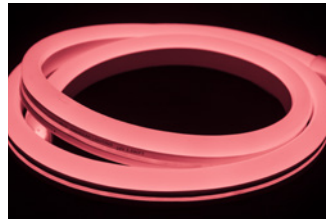
P2-NF-BL (120V)
P2-NF-24V-BL (24V)
 Blue LEDs
 Opaque blue jacket
 (120V) 469nm • 5Lm/ft
 (24V) 469nm • 9Lm/ft



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) 610nm • 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-JUMP.5 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-INVS
 Invisible splice kit
 Includes: (1) power pin and (2) 4" sections of shrink tube



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



P2-NF-TRACK-4
 4ft plastic mounting track
 3/4"W x 3/8"H



P2-NF-CHAN-3
 3ft aluminum mounting track
 3/4"W x 3/8"H



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