



Features

- 120V AC and 24V DC options available
- Color temperatures in 2700K and 5000K as well as single colors (Amber, Blue, Green, Orange, Pink, and Red in 120V only)
- Up to 90 Lumens per foot
- Consumes only 2.4W/ft (120V) or 2.8W/ft (24V)
- Dimmable 10-100%*
- Cuttable[†] every 18" (120V) and 12" (24V)
- Up to 150ft (120V) and 65ft (24V) run lengths
- Sold as 150ft reels** or by the foot (non-rated)
- cETLus Listed[†]
- Suitable for indoor and outdoor use
- 30,000 hours rated life

Available Colors



Dimming Options

- Standard (10-100%*)
- Low-voltage magnetic (10-100%*)
- Low-voltage electronic (10-100%*)

Listing / Ratings[†]



Polar 2 Neon Reels - 120V / 24V

Continuous lines 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. Use 24V Polar 2 with ELV drivers for maximum impact and/or when ETL listing is necessary for up to 65 foot run lengths.

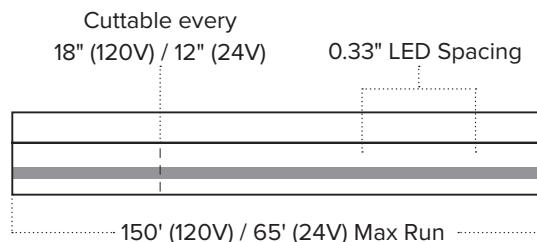
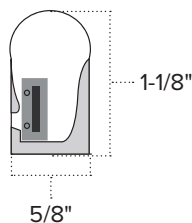
Technical Information

Series	P2-NF
Input Voltage	120V AC, 60Hz / 24V DC
CCT	2700K / 5000K / AY / BL / GR / OR / PI / RE
CRI	78+ (2700K / 5000K)
Wattage	2.4W per ft (120V) / 2.8W per ft (24V)
Lumens	Up to 90Lm per ft (see individual product)
Max Run	150 feet (120V) / 65 feet (24V)
Cuttable	Every 18" (120V) / every 12" (24V)
IP Rating	IP65**
Dimmable	10-100%*
Rating	cETLus Listed [†] for indoor/outdoor use
Rated Life	30,000 hrs

*Minimum loads may apply. Per the NEC, switched wall outlets cannot be used with wall dimmers.

**IP65 rated only when used with pre-attached molded power cord and end cap is either pre-attached or properly sealed with dielectric grease, silicone and shrink tube

[†]cETLus Listing for 120V is void if product is cut; cETLus Listing for 24V is valid for lengths cut to 65 feet or less.





Warm White - 2700K
Opaque White Jacket



Bright White - 5000K
Opaque White Jacket



Amber LEDs
Opaque Yellow Jacket



Blue LEDs
Opaque Blue Jacket



Green LEDs
Opaque Green Jacket



Orange LEDs
Opaque Amber Jacket



Pink LEDs
Opaque White Jacket



Red LEDs
Opaque Red Jacket

POLAR 2 REELS ORDERING INFORMATION

ITEM NUMBER	CCT	LENGTH	LUMENS or NM / FT	WATTAGE / FT	IP RATING	CRI	CUTTING
P2-NF-WW	2700K	150 ft	63Lm / ft	2.4W / ft	IP65	78+	18" (457mm)
P2-NF-WH	5000K	150 ft	63Lm / ft	2.4W / ft	IP65	78+	18" (457mm)
P2-NF-AY	Amber 590nm	150 ft	21Lm / ft	2.4W / ft	IP65	N/A	18" (457mm)
P2-NF-BL	Blue 459nm	150 ft	5Lm / ft	2.4W / ft	IP65	N/A	18" (457mm)
P2-NF-GR	Green 520nm	150 ft	25Lm / ft	2.4W / ft	IP65	N/A	18" (457mm)
P2-NF-OR	Orange 606nm	150 ft	12Lm / ft	2.4W / ft	IP65	N/A	18" (457mm)
P2-NF-PI	Pink 610nm	150 ft	17Lm / ft	2.4W / ft	IP65	N/A	18" (457mm)
P2-NF-RE	Red 619nm	150 ft	5Lm / ft	2.4W / ft	IP65	N/A	18" (457mm)
P2-NF-24V-WW	2700K	150 ft	90Lm / ft	2.8W / ft	IP65	78+	12" (304mm)
P2-NF-24V-WH	5000K	150 ft	90Lm / ft	2.8W / ft	IP65	78+	12" (304mm)

120V Bulk Reels Include: (1) Attached P2-NF-CONKIT-8A / (4) P2-NF-CONKIT-8A
 24V Bulk Reels Include: (1) Attached P2-NF-CONKIT-NP / (4) P2-NF-CONKIT-NP

POLAR 2 ACCESSORIES

ITEM NUMBER	DESCRIPTION
P2-NF-CONKIT-8A	120V 5Ft power connector kit w/Plug
120-JBOX-P2	120V junction box + rectifier
P2-NF-CONKIT-NP	24V power connector kit
P2-NF-JUMP.5	6" linking cable
P2-NF-JUMP3	3' linking cable
P2-NF-JUMP10	10' linking cable
P2-NF-ENDS	End cap (qty 10)
P2-NF-INVS	In-line splice (qty 10)
P2-NF-CLIPS	Mounting clips (qty 10)
P2-NF-TRACK-3	3' plastic mounting track
P2-NF-CHAN-3	3' aluminum mounting channel



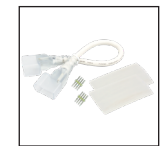
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120-JBOX-P2



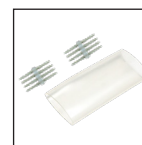
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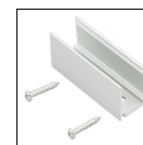
RGB-NF-JUMP.5
RGB-NF-JUMP3
RGB-NF-JUMP10



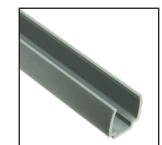
P2-NF-ENDS



P2-NF-INVS



P2-NF-CLIPS



P2-NF-TRACK-3



P2-NF-CHAN-3