CATALOG NUMBER:

NOTES:

FIXTURE TYPE:

PROJECT:

LED-FLEX II

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-ONKIT-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

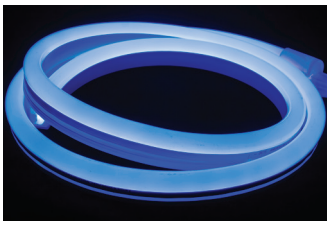
Series	P2-NF
Input voltage	120V AC, 60Hz or 24V DC
Colors	WW/WH/AY/BL/GR/OR/PI/RE
CRI or nm	See individual product
Wattage	2.4W/ft (120V) / 2.8W/ft (24V)
Lumens	See individual product
Reel length	150 feet (120V and 24V)
Maximum run	150 feet (120V) or 65 feet (24V)
Cuttability	18" (120V) or 12" (24V)
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

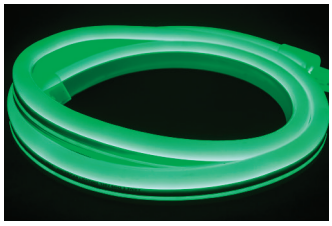
P2-NF-WW (120V)
P2-NF-24V-WW (24V)
Warm White LEDs • 79CRI
Opaque white jacket
(120V) 2700K • 63Lm/ft
(24V) 2700K • 90Lm/ft

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

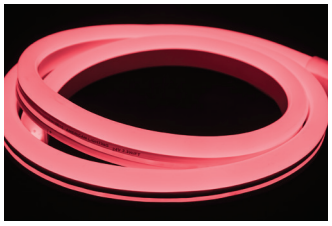


P2-NF-BL (120V)
P2-NF-24V-BL (24V)
Blue LEDs
Opaque blue jacket
(120V) 469nm • 5Lm/ft
(24V) 469nm • 9Lm/ft



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

LED-FLEX II 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-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
3/4""w x 3/8""h

P2-NF-CHAN-3
3ft aluminum mounting track
3/4""w x 3/8""h

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

Wattage Ranges for Various Drivers and Applications

LED Driver	Non-dimming applications	Dimming applications
LED-DR30-24	6-30W (3-10 feet)	1-27W via **PWM only!** (1-9 feet)
LED-DR60-24	12-60W (5-21 feet)	1-57W via **PWM only!** (1-20 feet)
LED-DR100-24	20-100W (8-35 feet)	1-97W via **PWM only!** (1-34 feet)
LED-DR150-24	30-150W (11-53 feet)	1-147W via **PWM only!** (1-52 feet)
ELV-30-24	3-30W (2-10 feet)	18-30W via most ELV/triac (7-10 feet)
ELV-45-24	3-45W (2-16 feet)	27-45W via most ELV/triac (10-16 feet)
ELV-60J-24	3-60W (2-21 feet)	36-60W via most ELV/triac (13-21 feet)
ELV-80J-24	3-80W (2-28 feet)	48-80W via most ELV/triac (18-28 feet)

LED-FLEX II 24V DRIVERS (Required for 24V LED-FLEX II product only)

ELV-30-24 3-30W (non-dimming), 18-30W (dimming applications)

ELV-45-24 3-45W (non-dimming) 27-45W (dimming applications)

24V DC constant voltage hardwire driver, Class 2, RoHS compliant 100-130V AC, 50/60Hz input via built-in terminal block with strain relief screw-down cover Forward phase / reverse phase / triac compatible c/ETL/us Listed for dry locations 7-1/16"L x 2-3/8"W x 1-3/8"H

ELV-60J-24 3-60W (non-dimming), 36-60W (dimming applications)

ELV-80J-24 3-80W (non-dimming), 48-80W (dimming applications)

24V DC constant voltage hardwire driver inside metal housing with three 1/2" knockouts on both the primary and the secondary ends, Class 2, RoHS compliant 100-130V AC, 50/60Hz input via 5" long 18AWG 3C conductors Forward phase / reverse phase / triac compatible c/ETL/us Listed for wet locations, must be mounted higher than 1ft off the ground 13-3/4"L x 3-1/16"W x 2-5/16"H

LED-DR30-24 6-30W (non-dimming), 1-27W (PWM dimming)

24V DC constant voltage hardwire driver, Class 2, RoHS compliant 100-240AC 50/60Hz input via built-in terminal block with strain relief screw-down cover If used with AL-PWM-6A (see page 208), the dimmer will consume ±3W internally c/UR/us Recognized for indoor use only 6-1/4"L x 1-3/4"W x 1-3/16"H

LED-DR60-24 12-60W (non-dimming), 1-57W (PWM dimming)

24V DC constant voltage hardwire driver, Class 2, RoHS compliant 100-240AC 50/60Hz input via 22" 18AWG conductors If used with AL-PWM-6A (see page 208), the dimmer will consume ±3W internally
c/UR/us Recognized for dry and damp locations, 7-13/16"L x 1-3/4"W x 1-5/8"H Galvanized steel wiring enclosure (ENCL-11) sold separately, 11-1/2"L x 1-7/8"W x 1-3/4"H

LED-DR100-24 20-100W (non-dimming) 1-97W (PWM dimming)

24V DC constant voltage hardwire driver, RoHS compliant 100-240AC 50/60Hz input via 11" 18AWG conductors If used with AL-PWM-6A (see page 208), the dimmer will consume ±3W internally and will require a repeater for loads greater than 6A (72W at 12V) 7-5/8"L x 2-1/8"W x 1-1/2"H

LED-DR150-24 30-150W (non-dimming) 1-147W (PWM dimming)

24V DC constant voltage hardwire driver, RoHS compliant 100-240AC 50/60Hz input via 10" 18AWG SJTW conductors If used with AL-PWM-6A (see page 208), the dimmer will consume ±3W internally and will require a repeater for loads greater than 6A (72W at 12V) c/UR/us Recognized for wet or dry locations 9"L x 2-5/8"W x 1-1/2"H