

NEONFLEX PRO-DUAL

24V DC Static White Dual-Bend Neon

Neonflex Pro is the next generation solution for achieving seamless lines of direct view lighting for any architectural-grade install. This version of the Neonflex Pro features dual-bend technology that allows for top and bottom directional bending, as well as left and right bending. UV, flame, and saltwater resistant, Neonflex Pro is not only durable, but easy to install, making it a versatile option for any interior or exterior application.

- Dual-bend LED neon, bends in vertical and lateral orientation
- Available in 3000K CCT
- 90+ color rendering index
- Lumen output performance up to 223Lm per foot
- 16.4ft max run
- UV, flame, and saltwater resistant
- IP67 rating featuring sealed silicone jacketing
- Dimmable (5-100%) with most ELV and TRIAC dimmers
- cULus Listed for indoor and outdoor wet locations
- 50,000 hours rated life



NEONFLEX PRO-DUAL SERIES QUICK SPECS	
VOLTAGE	24V DC
WATTAGE	3.05W / ft
LUMENS	Up to 223Lm / ft
CCT OPTIONS	3000K
MAX RUN	16.4ft (5m)
CUTTING POINTS	1.97" (50mm)
IP RATING	IP67 - Jacketed
DIMMING	ELV / TRIAC (5-100%)
DIMENSIONS	0.63" (16mm) W x 0.59" (15mm) H
BEAM ANGLE	120°
OPERATING TEMP	-25°C (-13°F) to 45°C (113°F)**
CERTIFICATIONS	cULus Listed - Wet Location
RATED LIFE	50,000 Hours

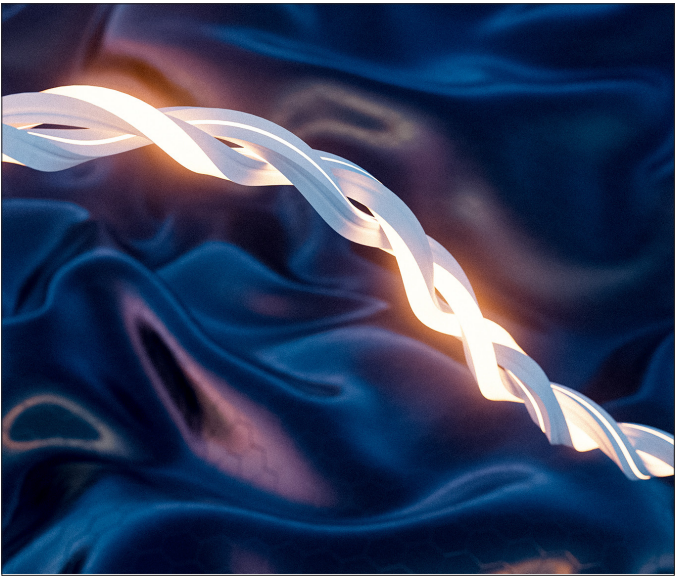
**Do not install in inclement weather or extreme temperature conditions (i.e. -25°C (-13°F) and below). Recommended to order Custom Cut direct from American Lighting for outdoor installations.

PROJECT:

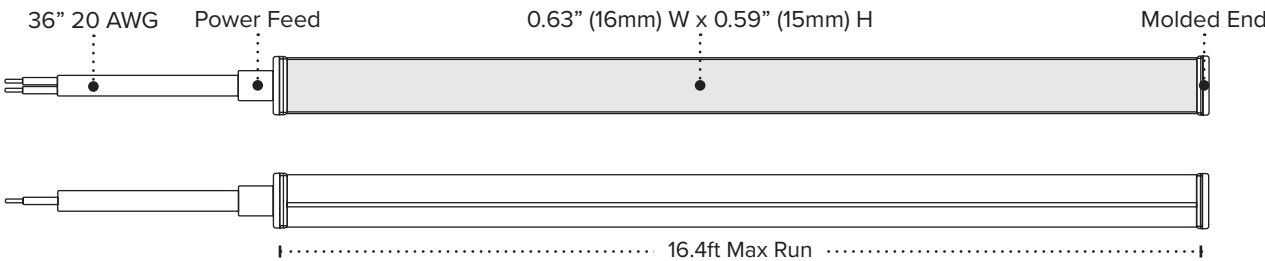
TYPE:

LOCATION:

CATALOG NUMBER:



NEONFLEX PRO-DUAL SERIES QUICK LOOK



NEONFLEX PRO-DUAL SERIES ORDERING INFORMATION

ITEM NUMBER	VOLTAGE	CCT	LENGTH	LUMENS / FT	WATTAGE / FT	IP RATING	CUTTING	MAX RUN
NFPROD-30-16	24V DC	3000K	16.4 ft	223Lm / ft	3.05W / ft	IP67	1.97" (50mm)	16.4 ft

16.4ft Reels Include: Attached 3ft Lead Wire w/ Molded Connector, (2) End Caps, (15) Mounting Clips

NEONFLEX PRO-DUAL SERIES ACCESSORIES

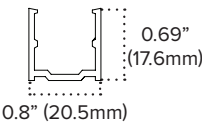
ITEM NUMBER	DESCRIPTION
NFPRO-V-CHAN-1M	PRO-V 1m Aluminum Channel - 20.5mm W x 17.6mm H

*There are no power accessories available for the NeonFlex Pro-Dual. Product may be cut once and sealed with an end cap only.



PRO-V MOUNTING CHANNEL

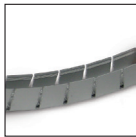
PRO-V MOUNTING CHANNEL DIMENSIONS



NEONFLEX PRO-DUAL SERIES SPECIAL ORDER ACCESSORIES

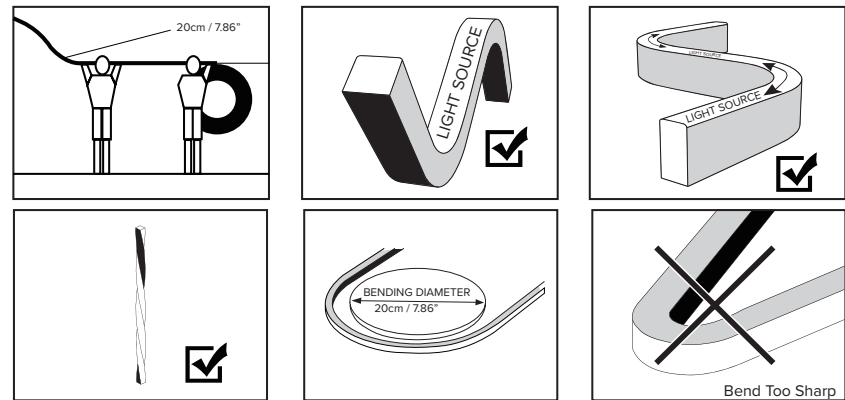
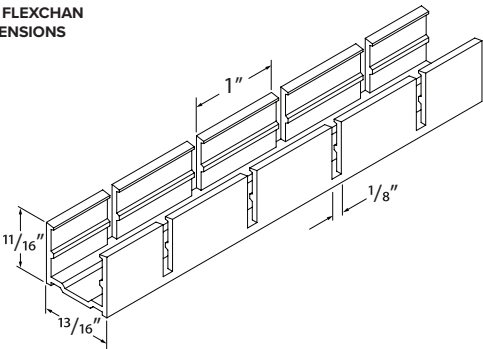
ITEM NUMBER	DESCRIPTION
NFPROV-FLEXCHAN-2M	Pro-V 2m Flexible Aluminum Channel - 20.5mm W x 17.6mm H

Special Orders - Please Allow Up To 2-4 Weeks Order Processing & Delivery



PRO-V FLEXCHAN

PRO-V FLEXCHAN DIMENSIONS



RECOMMENDED POWER SUPPLIES

Phase Dimming Compatible With Most MLV, ELV, and TRIAC Dimmers

ITEM NUMBER	DESCRIPTION	MAX / MIN LOAD	INPUT VOLTAGE	OUTPUT VOLTAGE	DIMMABLE	DIMENSIONS
ADPT-DRJ-30-24	Adaptive Series 30W	30W / 3W	100-277V AC	24V DC	Yes*	6.49"L x 3.6"W x 1.02"H
ADPT-DRJ-60-24	Adaptive Series 60W	60W / 6W	100-277V AC	24V DC	Yes*	7.4"L x 3.6"W x 1.02"H
ADPT-DRJ-96-24	Adaptive Series 96W	96W / 9.6W	100-277V AC	24V DC	Yes*	8.66"L x 3.6"W x 1.61"H
ADPT-DRJ-192-24	Adaptive Series 192W (2 x 96W)	192W / 19.2W	100-277V AC	24V DC	Yes*	10.94"L x 4.25"W x 1.8"H
ADPT-DRJ-288-24	Adaptive Series 288W (3 x 96W)	288W / 28.8W	100-277V AC	24V DC	Yes*	11.85"L x 4.25"W x 1.8"H

NEONFLEX PRO-DUAL STATIC WHITE CUT INCREMENT GUIDE

Segment	Length (MM)	Length (Inches)	"Length (Feet)"	Segment	Length (MM)	Length (Inches)	Length (Feet)
1	50	1.97	0.16	51	2550	100.47	8.37
2	100	3.94	0.33	52	2600	102.44	8.54
3	150	5.91	0.49	53	2650	104.41	8.70
4	200	7.88	0.66	54	2700	106.38	8.87
5	250	9.85	0.82	55	2750	108.35	9.03
6	300	11.82	0.99	56	2800	110.32	9.19
7	350	13.79	1.15	57	2850	112.29	9.36
8	400	15.76	1.31	58	2900	114.26	9.52
9	450	17.73	1.48	59	2950	116.23	9.69
10	500	19.7	1.64	60	3000	118.2	9.85
11	550	21.67	1.81	61	3050	120.17	10.01
12	600	23.64	1.97	62	3100	122.14	10.18
13	650	25.61	2.13	63	3150	124.11	10.34
14	700	27.58	2.30	64	3200	126.08	10.51
15	750	29.55	2.46	65	3250	128.05	10.67
16	800	31.52	2.63	66	3300	130.02	10.84
17	850	33.49	2.79	67	3350	131.99	11.00
18	900	35.46	2.96	68	3400	133.96	11.16
19	950	37.43	3.12	69	3450	135.93	11.33
20	1000	39.4	3.28	70	3500	137.9	11.49
21	1050	41.37	3.45	71	3550	139.87	11.66
22	1100	43.34	3.61	72	3600	141.84	11.82
23	1150	45.31	3.78	73	3650	143.81	11.98
24	1200	47.28	3.94	74	3700	145.78	12.15
25	1250	49.25	4.10	75	3750	147.75	12.31
26	1300	51.22	4.27	76	3800	149.72	12.48
27	1350	53.19	4.43	77	3850	151.69	12.64
28	1400	55.16	4.60	78	3900	153.66	12.81
29	1450	57.13	4.76	79	3950	155.63	12.97
30	1500	59.1	4.93	80	4000	157.6	13.13
31	1550	61.07	5.09	81	4050	159.57	13.30
32	1600	63.04	5.25	82	4100	161.54	13.46
33	1650	65.01	5.42	83	4150	163.51	13.63
34	1700	66.98	5.58	84	4200	165.48	13.79
35	1750	68.95	5.75	85	4250	167.45	13.95
36	1800	70.92	5.91	86	4300	169.42	14.12
37	1850	72.89	6.07	87	4350	171.39	14.28
38	1900	74.86	6.24	88	4400	173.36	14.45
39	1950	76.83	6.40	89	4450	175.33	14.61
40	2000	78.8	6.57	90	4500	177.3	14.78
41	2050	80.77	6.73	91	4550	179.27	14.94
42	2100	82.74	6.90	92	4600	181.24	15.10
43	2150	84.71	7.06	93	4650	183.21	15.27
44	2200	86.68	7.22	94	4700	185.18	15.43
45	2250	88.65	7.39	95	4750	187.15	15.60
46	2300	90.62	7.55	96	4800	189.12	15.76
47	2350	92.59	7.72	97	4850	191.09	15.92
48	2400	94.56	7.88	98	4900	193.06	16.09
49	2450	96.53	8.04	99	4950	195.03	16.25
50	2500	98.5	8.21	100	5000	197	16.42



AMERICAN LIGHTING WARRANTY

LIMITED WARRANTY FOR LED PRODUCTS: 3 YEARS

LIMITED PRODUCT WARRANTY

Our products are warranted to be free from defects in material and workmanship for the warranty period listed. Warranty periods begin from the date of shipment from American Lighting Inc's warehouse to the original purchaser. Products that prove to be defective during their specific warranty period will be either repaired or replaced, at the sole discretion of American Lighting Inc. Claims for defective products must be submitted in writing to American Lighting Inc's RGA Department within the warranty period. Upon approval of such return, American Lighting Inc reserves the right to inspect the product for misuse or abuse. Claims for indirect or consequential damages or for product that, in American Lighting Inc's opinion, has been misused will be denied. This is a warranty of product reliability only and not a warranty of merchantability or fitness for a particular purpose. American Lighting Inc shall have no liability whatsoever in any event for payment of incidental or consequential damages, including, without limitations, installation costs and/or damages for personal injury and/or property. These products may represent a possible shock or fire hazard if improperly installed or altered in any way. This warranty does not apply to any product that has not been properly installed in accordance with current local codes and/or the National Electrical Code. Products that require a transformer, driver, or power supply must be used in conjunction with American Lighting Inc's recommended power supply to ensure safety and retain product warranty.

PRODUCT SPECIFICATIONS

For the latest product information, updates, instructions and details concerning specifications, colors, finishes, performance, installation and design, visit www.americanlighting.com. Color may vary from the color printed herein due to limitations in photographic and printing processes. American Lighting Inc. reserves the right to change product specifications without notice. Other product specifications such as color temperature, wavelength characteristics and lumen output are subject to production limitations and may vary. LED technology is changing rapidly, and not all color temperatures and performance levels can be duplicated at a later time. Best practices include purchasing 10-15% more for a particular project on the same initial order where white LED color temperatures must be maintained over project and product life. Eventual product replacement should be considered at layout and design stages. Best practices also include testing connections and product performance prior to mounting and/or installing.

AVERAGE LIFE

Average incandescent lamp life, rated life and average life are terms used to describe the number of hours at which half of the lamps have failed. For LEDs, the hours of rated life specify the point where 70% of original lumen output is reached. Below this point, the effective life is over, however, the LED may still emit light. Individual results may vary with actual environmental conditions including, but not limited to, proper installation, ambient temperature and/or input voltage fluctuations.