

POOL-RATED NEON - SINGLE COLOR

24V DC Fully Sealed IP68 Strip Light

The Pool-Rated Neon Single Color strip light is the go-to linear luminaire for pool and underwater lighting. Each custom cut strip light section is IP68 rated for full underwater submergence up to 1.5m. With a selection of static red, green, blue, amber, or pink LEDs, create distinct neon lighting designs that make any water feature stand out.

- Available in Red, Green, Blue, Amber, and Pink color options
- Custom Cut orders with factory assembled leads only - not cuttable in the field
- IP68 rating featuring pool-rated flexible housing design
- Reinforced backing produces stronger bending resistance while protecting the LED chips and strengthening heat dissipation
- Suitable for use in pool/underwater environments with wet location and pool rating
- cULus Listed for indoor and outdoor locations; UL676 for underwater applications
- 30,000 hours rated life
- Chlorine resistant PVC



POOL-RATED NEON - SINGLE COLOR QUICK SPECS

INPUT VOLTAGE	24V DC
WATTAGE	3.04W per ft
LUMENS	Up to 150Lm per ft
COLORS	Red / Green / Blue / Amber / Pink
MAX RUN	33ft
CUTTING POINTS	Every 3.94" (100mm) - Custom Orders Only - Factory Sealed
IP RATING	IP68 - Wet Location and Underwater**
DIMMING	10-100% with most CL or ELV dimmers
OPERATING TEMP	-10°C (14°F) to 50°C (122°F)**
MAX. WATER DEPTH	2M Maximum Water Depth Submersion
RATING	cULus Listed (Void if field cut) †
RATED LIFE	30000 Hours

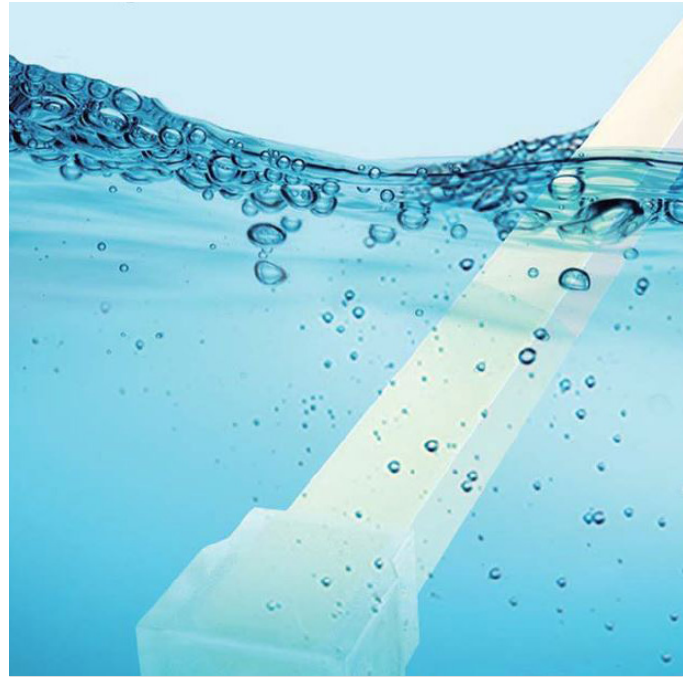
*Minimum loads may apply. Per the NEC, switched wall outlets cannot be used with wall dimmers.
 **Do not install during inclement weather
 † cULus Listing, temperature, and IP ratings void if product is cut in field.

PROJECT: _____

TYPE: _____

LOCATION: _____

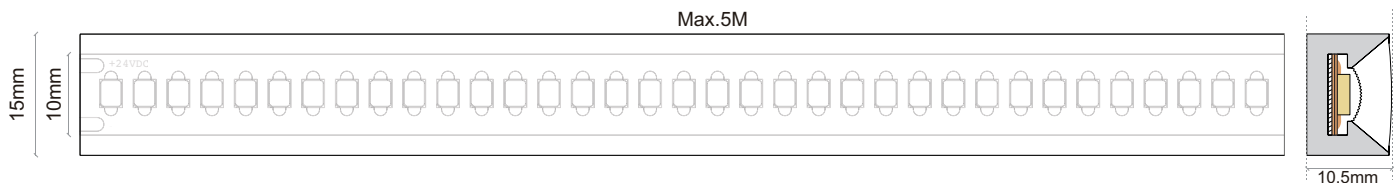
CATALOG NUMBER: _____



POOL-RATED NEON - SINGLE COLOR IP RATINGS

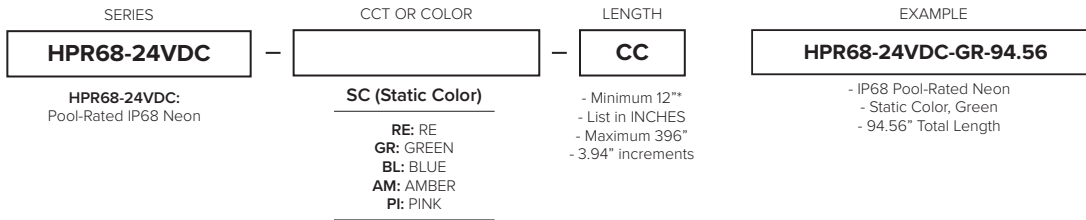


IP68 (Encased)
 Fully encased tape light in sealed silicone extrusion with matte process for wet and pool locations with non-stick surface
Best suited: Indoor & Outdoor wet locations including pools, fountains, and other underwater applications (Max. depth of water - 2m)



POOL-RATED NEON - SINGLE COLOR CUSTOM CUT ORDERING

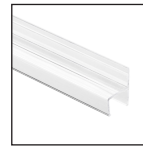
Custom Cut Orders - Please Allow Up To 8-12 Weeks Order Processing & Delivery



Order must specify Color or CCT option as well as length and quantity details.
 *Custom Cut Lengths must be calculated in 3.94" increments (Min 1ft / Max. 33ft). See page 3 for cut increment guide.
 Each order should include 1x HPR68-24VDC-CC-ASSEMBLY per cut. 6ft lead standard.

POOL-RATED NEON - SINGLE COLOR ACCESSORIES

ITEM NUMBER	DESCRIPTION
HPR68-24VDC-18MM-TRACM-3FT	0.93mm Polycarbonate Substrate Mounting Channel, Chlorine resistant hardware and rubber anchor (RGB, SW, SC)
HPR68-24VDC-18MM-CLIPS	Chlorine resistant clips, anchors, and screws (x10)



HPR68-24VDC-18MM-TRACM-3FT



120-H3-CLIPS

RECOMMENDED POWER SUPPLIES

ITEM NUMBER	DESCRIPTION	MAX / MIN LOAD	INPUT VOLTAGE	OUTPUT VOLTAGE	DIMMABLE	DIMENSIONS
ADPTPRO-DRJ-30-24	Adaptive Pro Series 30W	30W / 3W	100-277V AC	24V DC	Yes*	6.49"L x 3.6"W x 1.02"H
ADPTPRO-DRJ-60-24	Adaptive Pro Series 60W	60W / 6W	100-277V AC	24V DC	Yes*	7.44"L x 3.77"W x 1.73"H
ADPTPRO-DRJ-96-24	Adaptive Pro Series 96W	96W / 9.6W	100-277V AC	24V DC	Yes*	8.70"L x 3.77"W x 1.73"H
ADPTPRO-DRJ-192-24	Adaptive Pro Series 192W (2 x 96W)	192W / 19.2W	100-277V AC	24V DC	Yes*	10.94"L x 4.33"W x 1.88"H
ADPTPRO-DRJ-288-24	Adaptive Pro Series 288W (3 x 96W)	288W / 28.8W	100-277V AC	24V DC	Yes*	11.92"L x 4.33"W x 1.88"H
ADPTPRO-200-24	Adaptive Pro Series 200W	200W / 20W	100-277V AC	24V DC	Yes*	10.07"L x 3.07"W x 1.85"H
ADPTPRO-300-24	Adaptive Pro Series 300W	300W / 30W	100-277V AC	24V DC	Yes*	10.86"L x 3.07"W x 1.85"H

5-in-1 Dimming Compatible With Most MLV, ELV, and TRIAC Dimmers

POOL-RATED NEON - SINGLE COLOR RECOMMENDED DIMMERS

BRAND	MODEL / #	TYPE	DIMMING RANGE
LUTRON	DIVA / DVELV-300P-LA	ELV	10-100%
LUTRON	SKYLARK / SELV 300P	ELV	10-100%

POOL-RATED NEON - SINGLE COLOR CUT INCREMENT GUIDE

Segment	Length (MM)	Length (Inch)	Length (Feet)
1	100	3.94	0.33
2	200	7.88	0.66
3	300	11.82	0.99
4	400	15.76	1.32
5	500	19.7	1.65
6	600	23.64	1.98
7	700	27.58	2.31
8	800	31.52	2.64
9	900	35.46	2.97
10	1000	39.4	3.3
11	1100	43.34	3.63
12	1200	47.28	3.96
13	1300	51.22	4.29
14	1400	55.16	4.62
15	1500	59.1	4.95
16	1600	63.04	5.28
17	1700	66.98	5.61
18	1800	70.92	5.94
19	1900	74.86	6.27
20	2000	78.8	6.6
21	2100	82.74	6.93
22	2200	86.68	7.26
23	2300	90.62	7.59
24	2400	94.56	7.92
25	2500	98.5	8.25
26	2600	102.44	8.58
27	2700	106.38	8.91
28	2800	110.32	9.24
29	2900	114.26	9.57
30	3000	118.2	9.9
31	3100	122.14	10.23
32	3200	126.08	10.56
33	3300	130.02	10.89
34	3400	133.96	11.22
35	3500	137.9	11.55
36	3600	141.84	11.88
37	3700	145.78	12.21
38	3800	149.72	12.54
39	3900	153.66	12.87
40	4000	157.6	13.2
41	4100	161.54	13.53
42	4200	165.48	13.86
43	4300	169.42	14.19
44	4400	173.36	14.52
45	4500	177.3	14.85
46	4600	181.24	15.18
47	4700	185.18	15.51
48	4800	189.12	15.84
49	4900	193.06	16.17
50	5000	197	16.5

Segment	Length (MM)	Length (Inch)	Length (Feet)
51	5100	200.94	16.83
52	5200	204.88	17.16
53	5300	208.82	17.49
54	5400	212.76	17.82
55	5500	216.7	18.15
56	5600	220.64	18.48
57	5700	224.58	18.81
58	5800	228.52	19.14
59	5900	232.46	19.47
60	6000	236.4	19.8
61	6100	240.34	20.13
62	6200	244.28	20.46
63	6300	248.22	20.79
64	6400	252.16	21.12
65	6500	256.1	21.45
66	6600	260.04	21.78
67	6700	263.98	22.11
68	6800	267.92	22.44
69	6900	271.86	22.77
70	7000	275.8	23.1
71	7100	279.74	23.43
72	7200	283.68	23.76
73	7300	287.62	24.09
74	7400	291.56	24.42
75	7500	295.5	24.75
76	7600	299.44	25.08
77	7700	303.38	25.41
78	7800	307.32	25.74
79	7900	311.26	26.07
80	8000	315.2	26.4
81	8100	319.14	26.73
82	8200	323.08	27.06
83	8300	327.02	27.39
84	8400	330.96	27.72
85	8500	334.9	28.05
86	8600	338.84	28.38
87	8700	342.78	28.71
88	8800	346.72	29.04
89	8900	350.66	29.37
90	9000	354.6	29.7
91	9100	358.54	30.03
92	9200	362.48	30.36
93	9300	366.42	30.69
94	9400	370.36	31.02
95	9500	374.3	31.35
96	9600	378.24	31.68
97	9700	382.18	32.01
98	9800	386.12	32.34
99	9900	390.06	32.67
100	10000	394	33



AMERICAN LIGHTING WARRANTY

LIMITED WARRANTY FOR LED PRODUCTS: 1 YEAR

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.