

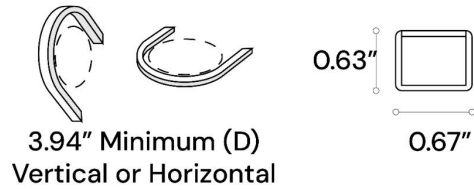
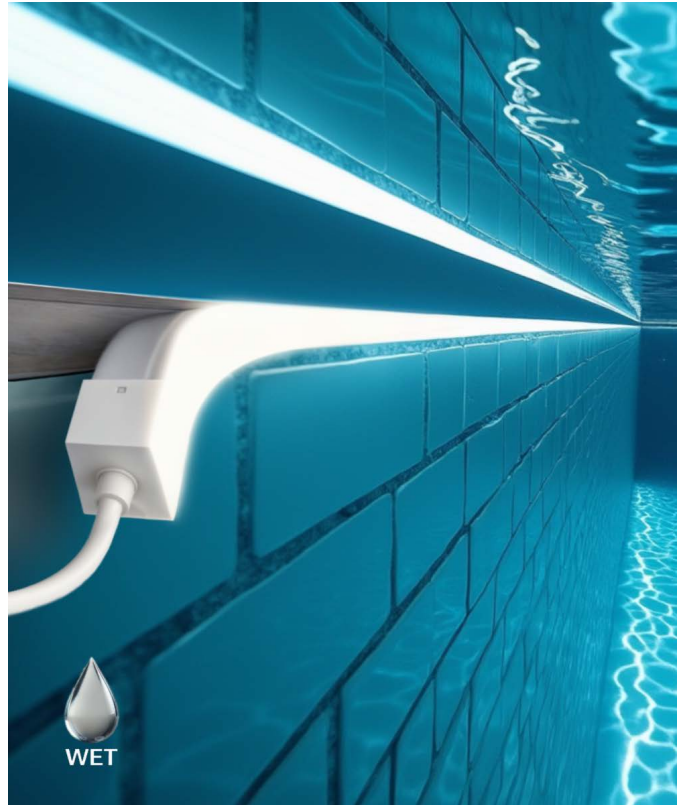
Project Name: _____ Type: _____ Quantity: _____

INTENDED USE

Alcon Lighting's Slim Outdoor Underwater Flexible Linear LED Strip Light is a high-lumen, flexible LED strip engineered as a neon replacement, perfect for a wide range of indoor and outdoor applications where smooth, continuous lighting is essential. Designed to bend horizontally or vertically around contours without damage, this versatile strip is available in multiple color temperatures and customizable lengths for easy installation. Its factory-sealed terminators and self-locking male and female barrel connectors ensure a secure fit. Fully encapsulated and UV-protected, this LED strip is rated for wet locations, delivering both durability and high-performance lighting.

FEATURES

- Construction:** Silicone
- CRI:** 88+
- Voltage:** 120-277V / 24V DC Constant Voltage for RGBW
- External Dimming Driver:** 0-10V, MLV, ELV, and TRIAC (IP65 Rated) / Through RGB controller
- Power Consumption:** 4.6 watt per ft. / 4.5 watt per ft. for RGBW
- Lumen Output:** 323 lumens per ft. / 190 lumens per ft. for RGBW
- Max run:** Continuous run length up to 32 ft.
- Operating Temperature:** -4°F ~113°F
- Humidity:** 0-95% Non Condensing
- Life:** 50,000 Hours
- Listing:** UL Listed / UL-676 Pool Submersible (IP68 model)
- Warranty:** 5 years carefree for parts & components (Labor not included).



ORDERING INFORMATION Example:

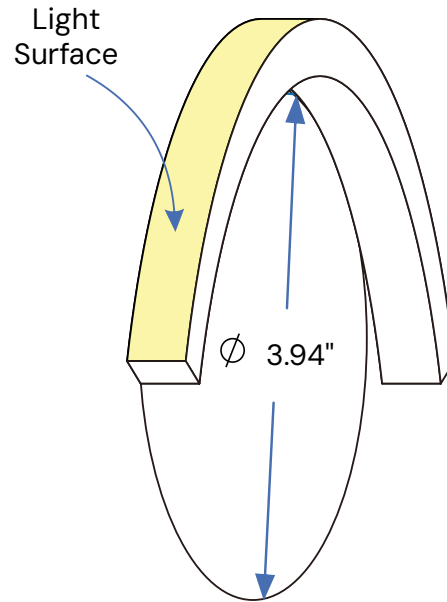
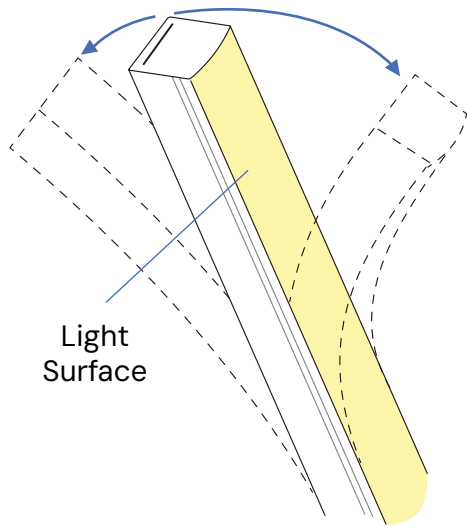
Model	Bend Direction	Color Temp	Length	Power Feed	Power Feed Cord Length	Mounting Channels	RGBW Controls	
11251	V ^{Standard} H	Vertical Horizontal	24K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K R Red G Green B Blue A Amber P Pink Y Yellow RGBW27 RGB + W (2700K) RGBW40 RGB + W (4000K)	CODE Please refer to pages 6-7 for exact lengths with corresponding ordering codes	8B IP68 Bottom 8L IP68 Side Left 8R IP68 Side Right 8E IP68 End	3 ^{Standard} 3 ft. 10 10 ft. 15 15 ft. 30 30 ft. 50 50 ft.	2AL 2" Aluminum 39AL 39" Aluminum 39PL 39" Plastic 39RP 39" Recessed 39FW 39" Flexible White 39FB 39" Flexible Black	WIFI Mobile Application + WiFi RF RF Remote Control (White) DMX DMX Wall Control (White) DMX-W-WIFI DMX Wall Control (White) + WiFi DMX-B-WIFI DMX Wall Control (Black) + WiFi

Alcon Lighting 11251 Slim Outdoor Underwater Flexible Linear LED Strip Light

BEND DIRECTION

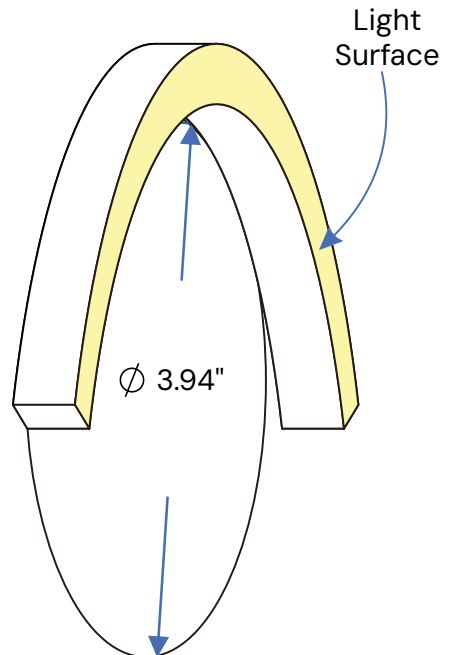
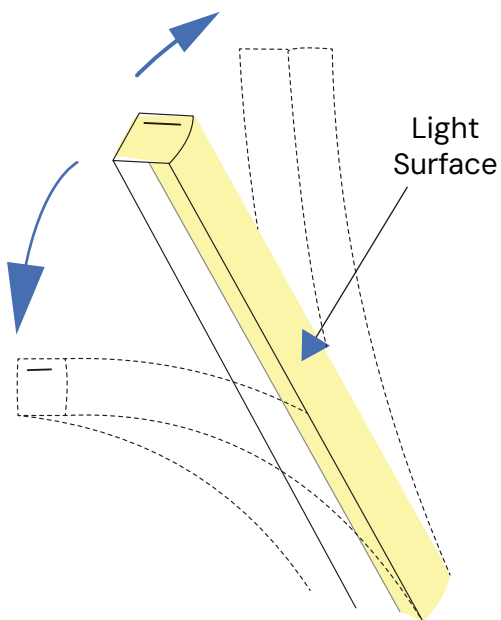
Vertical Bend (Standard)

V



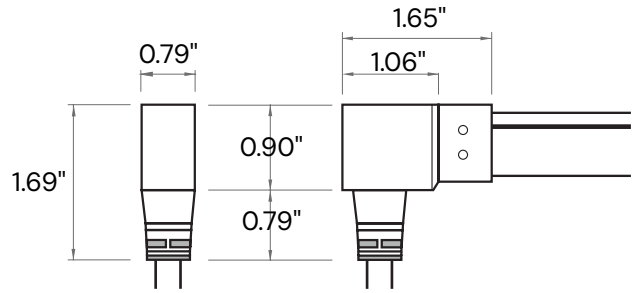
Horizontal Bend

H

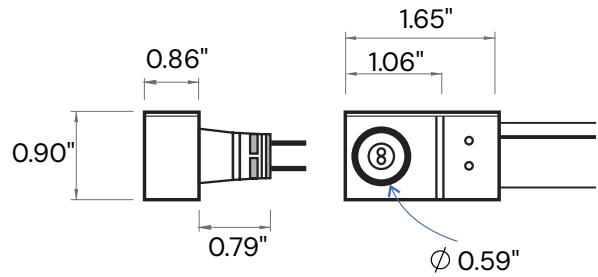
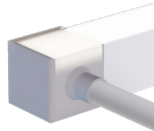


POWER FEED

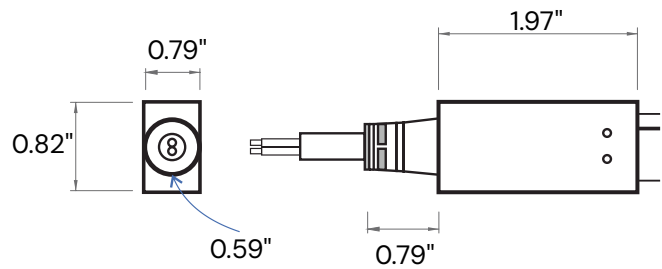
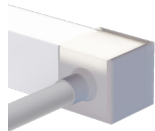
IP68 Bottom
IP68B



IP68 Left
IP68L



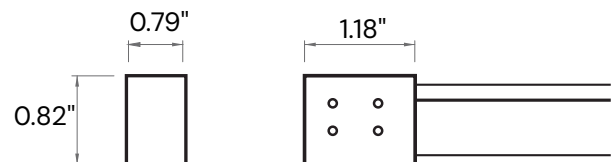
IP68 Right
IP68R



IP68 End
IP68E

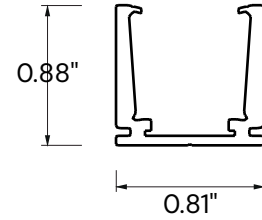


End Cap

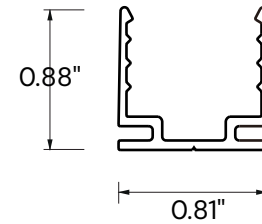


MOUNTING ACCESSORIES

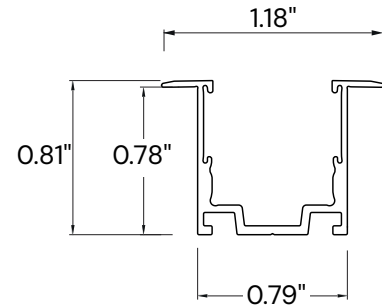
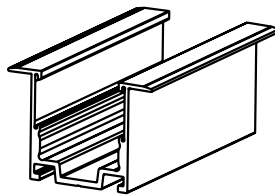
Clip-on Aluminum Channel (self-locking, no glue required)
Available in 2" (2AL) and 39" (39AL)



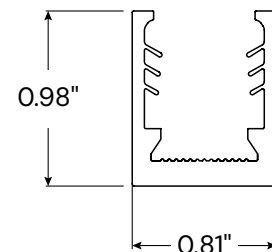
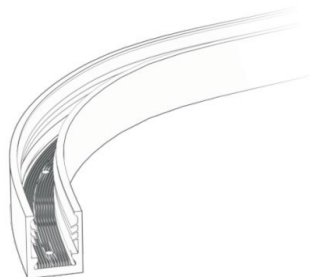
Plastic Channel
Available in 39" (39PL)



Recessed Channel
Available in 39" (39RP)

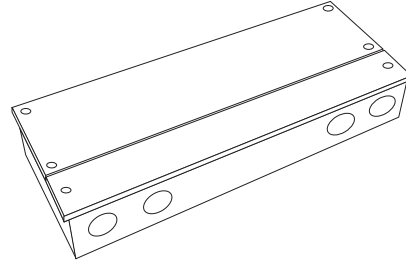


Flexible Channel
Available in 39" Black and White
(39FB, 39FW)



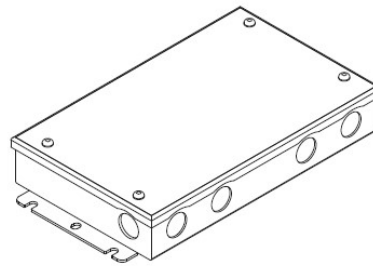
EXTERNAL STATIC WHITE DRIVER

Driver	Dimensions
4N1-30 W-24V	6.50" x 3.72" x 1.57"
4N1-60 W-24V	7.40" x 3.72" x 1.57"
4N1-96 W-24V	8.66" x 3.72" x 1.57"
4N1-150 W-24V	10.24" x 4.13" x 1.77"
4N1-2 00W-24V	10.24" x 4.13" x 1.77"
4N1-300 W-24V	10.94" x 4.33" x 1.77"



EXTERNAL RGBW DRIVER

Driver	Dimensions
4N1-30 W-24V	6.5" X 3.6" X 1.02"
4N1-60 W-24V	7.4" X 3.62" X 1.02"
4N1-96 W-24V	8.66" X 3.66" X 1.61"
4N1-150 W-24V	10.24" X 4.06" X 1.81"
4N1-2 00W-24V	10.24" X 4.06" X 1.81"
4N1-2 88W-24V	11.85" X 4.25" X 1.82"
4N1-300 W-24V	10.24" X 4.25" X 1.81"



RGB DMX CONTROLS



Mobile Application + WiFi



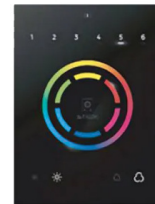
RF Remote Control

6.38" L x 1.65" W x 0.59" H



DMX Wall Control

5.20" L x 7.09" W x 1.38" H



DMX Wall Control + WiFi

5.75" L x 4.17" W x 0.43" H

WiFi-104
iOS + Android



LENGTH FOR STATIC WHITE

Cuts are made every 2.19". Please refer to table below to determine actual lengths once LED is cut versus actual lengths required or specified.

Total Length Calculation = order code length + end feed option length

Example: 82.68" total length = code 37 + IP68 Left (81.03" + 1.65")

Optional lead wire lengths available: 3ft., 10ft., 15ft., 30ft., 50ft.

Code	Inches	Code	Inches	Code	Inches	Code	Inches
3	6.57	48	105.12	93	203.67	138	302.22
4	8.76	49	107.31	94	205.86	139	304.41
5	10.95	50	109.50	95	208.05	140	306.60
6	13.14	51	111.69	96	210.24	141	308.79
7	15.33	52	113.88	97	212.43	142	310.98
8	17.52	53	116.07	98	214.62	143	313.17
9	19.71	54	118.26	99	216.81	144	315.36
10	21.90	55	120.45	100	219.00	145	317.55
11	24.09	56	122.64	101	221.19	146	319.74
12	26.28	57	124.83	102	223.38	147	321.93
13	28.47	58	127.02	103	225.57	148	324.12
14	30.66	59	129.21	104	227.76	149	326.31
15	32.85	60	131.40	105	229.95	150	328.50
16	35.04	61	133.59	106	232.14	151	330.69
17	37.23	62	135.78	107	234.33	152	332.88
18	39.42	63	137.97	108	236.52	153	335.07
19	41.61	64	140.16	109	238.71	154	337.26
20	43.80	65	142.35	110	240.90	155	339.45
21	45.99	66	144.54	111	243.09	156	341.64
22	48.18	67	146.73	112	245.28	157	343.83
23	50.37	68	148.92	113	247.47	158	346.02
24	52.56	69	151.11	114	249.66	159	348.21
25	54.75	70	153.30	115	251.85	160	350.40
26	56.94	71	155.49	116	254.04	161	352.59
27	59.13	72	157.68	117	256.23	162	354.78
28	61.32	73	159.87	118	258.42	163	356.97
29	63.51	74	162.06	119	260.61	164	359.16
30	65.70	75	164.25	120	262.80	165	361.35
31	67.89	76	166.44	121	264.99	166	363.54
32	70.08	77	168.63	122	267.18	167	365.73
33	72.27	78	170.82	123	269.37	168	367.92
34	74.46	79	173.01	124	271.56	169	370.11
35	76.65	80	175.20	125	273.75	170	372.30
36	78.84	81	177.39	126	275.94	171	374.49
37	81.03	82	179.58	127	278.13	172	376.68
38	83.22	83	181.77	128	280.32	173	378.87
39	85.41	84	183.96	129	282.51	174	381.06
40	87.60	85	186.15	130	284.70	175	383.25
41	89.79	86	188.34	131	286.89	176	385.44
42	91.94	87	190.53	132	289.08	177	387.63
43	94.17	88	192.72	133	291.27	178	389.82
44	96.36	89	194.91	134	293.46	179	392.01
45	98.55	90	197.10	135	295.65	180	394.20
46	100.74	91	199.29	136	297.84		
47	102.93	92	201.48	137	300.03		

LENGTH FOR RGBW

Cuts are made every 3.28". Please refer to table below to determine actual lengths once LED is cut versus actual lengths required or specified.

Total Length Calculation = order code length + end feed option length

Example: 361.73" total length = code 111 + Side feed (360.08" + 1.65")

Optional lead wire lengths available: 3ft., 10ft., 15ft., 30ft., 50ft.

Code	Inches	Code	Inches	Code	Inches
3	9.84	48	157.44	93	305.04
4	13.12	49	160.72	94	308.32
5	16.4	50	164	95	311.6
6	19.68	51	167.28	96	314.88
7	22.96	52	170.56	97	318.16
8	26.24	53	173.84	98	321.44
9	29.52	54	177.12	99	324.72
10	32.8	55	180.4	100	328
11	36.08	56	183.68	101	331.28
12	39.36	57	186.96	102	334.56
13	42.64	58	190.24	103	337.84
14	45.92	59	193.52	104	341.12
15	49.2	60	196.8	105	344.4
16	52.48	61	200.08	106	347.68
17	55.76	62	203.36	107	350.96
18	59.04	63	206.64	108	354.24
19	62.32	64	209.92	109	357.52
20	65.6	65	213.2	110	360.8
21	68.88	66	216.48	111	364.08
22	72.16	67	219.76	112	367.36
23	75.44	68	223.04	113	370.64
24	78.72	69	226.32	114	373.92
25	82	70	229.6	115	377.2
26	85.28	71	232.88	116	380.48
27	88.56	72	236.16	117	383.76
28	91.84	73	239.44		
29	95.12	74	242.72		
30	98.4	75	246		
31	101.68	76	249.28		
32	104.96	77	252.56		
33	108.24	78	255.84		
34	111.52	79	259.12		
35	114.8	80	262.4		
36	118.08	81	265.68		
37	121.36	82	268.96		
38	124.64	83	272.24		
39	127.92	84	275.52		
40	131.2	85	278.8		
41	134.48	86	282.08		
42	137.76	87	285.36		
43	141.04	88	288.64		
44	144.32	89	291.92		
45	147.6	90	295.2		
46	150.88	91	298.48		
47	154.16	92	301.76		

COMPATIBLE DIMMERS FOR STATIC WHITE

			
0-10 V	2100 2101 2102	Diva DTVV	IP-710-DL

COLOR TEMPERATURE GUIDE



<p>2700K</p> <p>WARM WHITE</p> <p>friendly personal intimate</p> <p>HOMES LIBRARIES RESTAURANTS</p> <p>✓</p>	<p>3000K</p> <p>SOFT WHITE GLOW</p> <p>soft warm pleasing</p> <p>HOMES HOTEL ROOMS LOBBIES RETAIL STORES</p> <p>✓</p>	<p>3500K</p> <p>NEUTRAL GLOW</p> <p>sociable inviting non-threatening</p> <p>EXECUTIVE OFFICES RECEPTION AREAS SUPERMARKETS</p> <p>✓</p>	<p>4000K</p> <p>COOL WHITE GLOW</p> <p>neat clean efficient</p> <p>OFFICES CLASSROOMS MASS MERCHANTISERS SHOWROOMS</p> <p>✓</p>	<p>5000K</p> <p>DAYLIGHT GLOW</p> <p>bright cool alert</p> <p>GRAPHICS INDUSTRY HOSPITALS GALLERIES BEAUTY SALONS</p> <p>✓</p>
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