

LNT-20 HB/VB SERIES

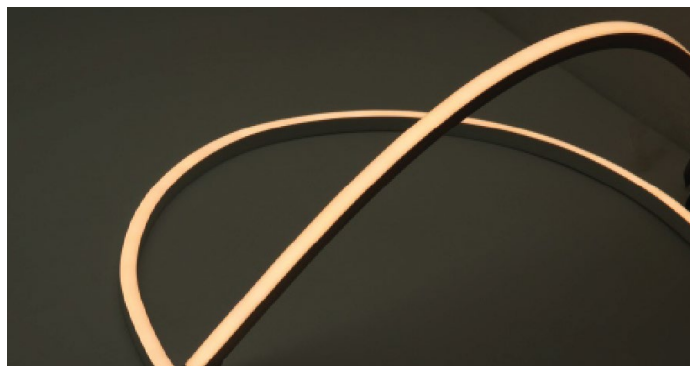
1.5W IP65 FLEXIBLE LED NEON SERIES

The **LNT-20HB/VB** is a high performance, flexible LED strip designed as a neon replacement, useful in a wide variety of indoor or outdoor applications where a smooth surface or continuous line of light is desired. It can bend around contours or tight curves horizontally or vertically without being damaged. It allows for easy installation with its factory sealed terminators and self locking male and female barrel connectors. Fully encapsulated UV protected and wet location rated.

SPECIFICATIONS

INPUT VOLTAGE	24V DC Constant Voltage
POWER CONSUMPTION	1.5W per Ft.
LUMEN OUTPUT	47Lm/ Ft.
CRI	90+
COLOR TEMPERATURE	22K/ 24K/ 27K/ 30K/ 35K/ 40K/ 50K/ RD/ GN/ BL/ AM
DIMMING/ CONTROL	MLV, ELV, 0-10V and TRIAC
MAXIMUM RUN LENGTH	32 Ft.
CUT INTERVALS	Every 41.7mm (1.64 in)
POWER FACTOR	≤1
STORAGE TEMPERATURE	-40°F (-40°C) to 140°F (60°C)
OPERATING TEMPERATURE	-40°F (-40°C) to 131°F (55°C)
BEAM ANGLE	160°
HUMIDITY	0-95% Non Condensing
IP RATING	IP65
CERTIFICATIONS	UL Listed
LUMEN MAINTENANCE	50,000 Hrs.

*This product is factory-cut only. Do not field modify.



FEATURES

- High color consistency
- Multiple CCT options available
- Ideal for indoor and outdoor use
- Continuous run length up to 32 Ft.
- Dimmable with CORE dimmable drivers
- UL Listed (US and Canada)

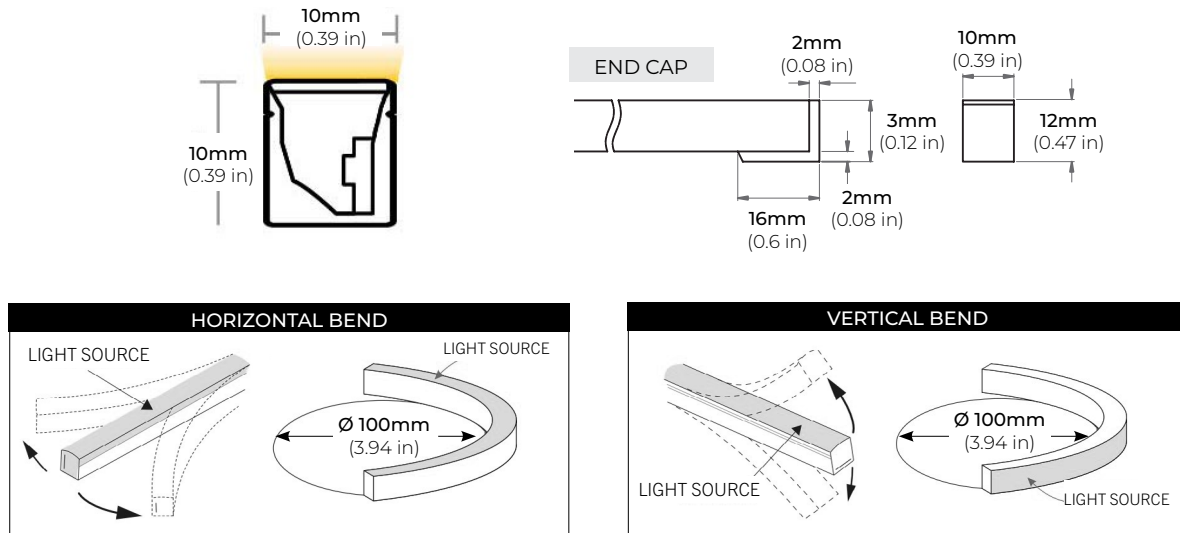


MODEL	SURFACE	COLOR TEMP		VOLT	LENGTH	INPUT	FEED LENGTH	OUTPUT	FEED LENGTH*
LNT-20	HB Horizontal Bend	22K	RD	24 24V DC	Please refer to page 4-5 for exact lengths with corresponding ordering codes.	IP65BF Bottom Feed	HW3 3 Ft. Power Feed	IP65BF Bottom Feed	HW3 3 Ft. Power Feed
		24K	GN			IP65SFL Side Feed Left	HW10 10 Ft. Power Feed	IP65SFL Side Feed Left	HW10 10 Ft. Power Feed
	VB Vertical Bend	27K	BL			IP65SFR Side Feed Right	HW16 16 Ft. Power Feed	IP65SFR Side Feed Right	HW16 16 Ft. Power Feed
		30K	AM			IP65EF End Feed	HW32 32 Ft. Power Feed	IP65EF End Feed	HW32 32 Ft. Power Feed
		35K					HW50 50 Ft. Power Feed		
		40K						EC End Cap	
		50K							
*Not compatible with End Cap (EC)									

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DIMENSIONS

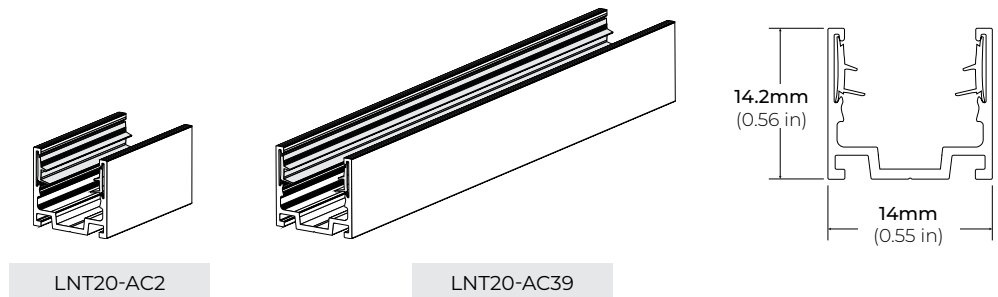


MOUNTING ACCESSORIES

ALUMINUM PROFILE

LNT20-AC2
0.8" PROFILE

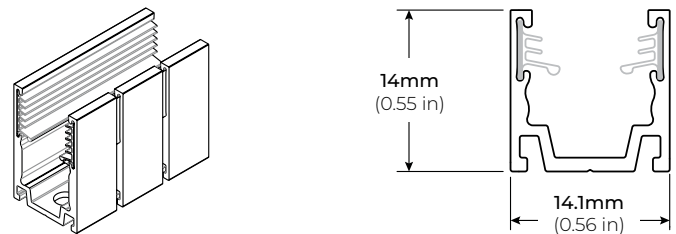
LNT20-AC39
39" PROFILE



FLEXIBLE ALUMINUM PROFILE

LNT20-HB-AFX
39" PROFILE

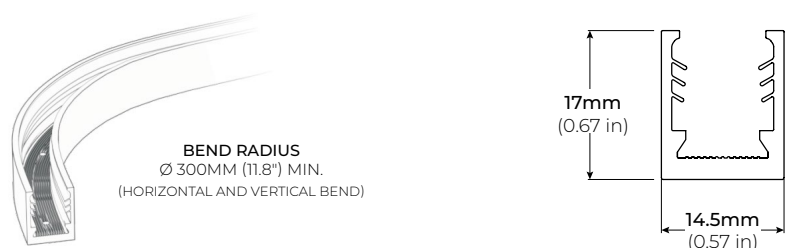
** Compatible with Horizontal Bend (LNT20-HB) ONLY*



FLEXIBLE PROFILE

LNT20-SPX39-WH
39" PROFILE (WHITE)

LNT20-SPX39-BK
39" PROFILE (BLACK)

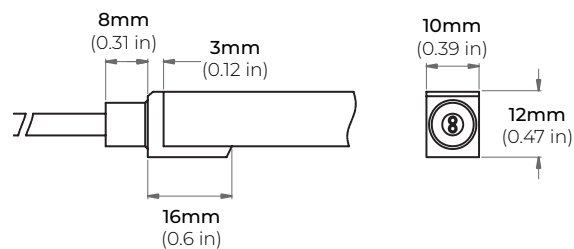


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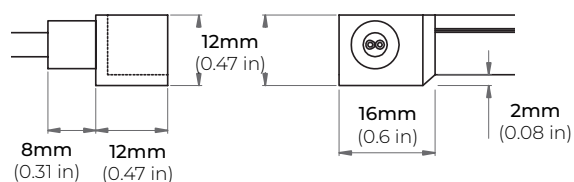
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IP65 POWER FEED

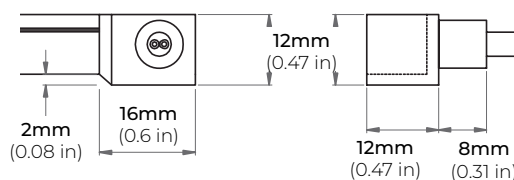
IP65EF
END FEED



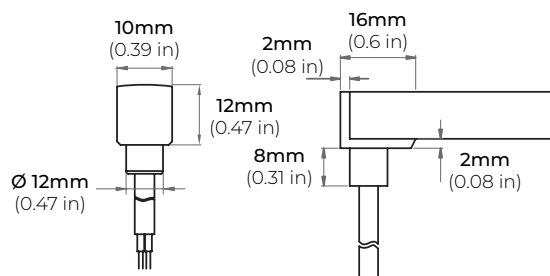
IP65SFL
SIDE FEED LEFT



IP65SFR
SIDE FEED RIGHT



IP65BF
BOTTOM FEED



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CUTTING LENGTH CODES

LNT-20 is **FACTORY CUT ONLY** every 1.64" (4.17CM). Please refer to the chart 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: 25.2" Total Length = Order Code 15 (24.6) + (0.60") IP65 Side Feed

POWER FEED OPTION	IP65
END FEED	0.91"
BOTTOM FEED	0.60"
SIDE FEED	0.60"

CUTTING LENGTH INCREMENT TABLE

CODE	LENGTH (CM)	LENGTH (IN)
1	4.17	1.64
2	8.34	3.28
3	12.51	4.92
4	16.68	6.56
5	20.85	8.2
6	25.02	9.84
7	29.19	11.48
8	33.36	13.12
9	37.53	14.76
10	41.7	16.4
11	45.87	18.04
12	50.04	19.68
13	54.21	21.32
14	58.38	22.96
15	62.55	24.6
16	66.72	26.24
17	70.89	27.88
18	75.06	29.52
19	79.23	31.16
20	83.4	32.8
21	87.57	34.44
22	91.74	36.08
23	95.91	37.72
24	100.08	39.36
25	104.25	41
26	108.42	42.64
27	112.59	44.28
28	116.76	45.92
29	120.93	47.56
30	125.1	49.2
31	129.27	50.84
32	133.44	52.48
33	137.61	54.12
34	141.78	55.76
35	145.95	57.4
36	150.12	59.04
37	154.29	60.68
38	158.46	62.32
39	162.63	63.96
40	166.8	65.6

CODE	LENGTH (CM)	LENGTH (IN)
41	170.97	67.24
42	175.14	68.88
43	179.31	70.52
44	183.48	72.16
45	187.65	73.8
46	191.82	75.44
47	195.99	77.08
48	200.16	78.72
49	204.33	80.36
50	208.5	82
51	212.67	83.64
52	216.84	85.28
53	221.01	86.92
54	225.18	88.56
55	229.35	90.2
56	233.52	91.84
57	237.69	93.48
58	241.86	95.12
59	246.03	96.76
60	250.2	98.4
61	254.37	100.04
62	258.54	101.68
63	262.71	103.32
64	266.88	104.96
65	271.05	106.6
66	275.22	108.24
67	279.39	109.88
68	283.56	111.52
69	287.73	113.16
70	291.9	114.8
71	296.07	116.44
72	300.24	118.08
73	304.41	119.72
74	308.58	121.36
75	312.75	123
76	316.92	124.64
77	321.09	126.28
78	325.26	127.92
79	329.43	129.56
80	333.6	131.2

CODE	LENGTH (CM)	LENGTH (IN)
81	337.77	132.84
82	341.94	134.48
83	346.11	136.12
84	350.28	137.76
85	354.45	139.4
86	358.62	141.04
87	362.79	142.68
88	366.96	144.32
89	371.13	145.96
90	375.3	147.6
91	379.47	149.24
92	383.64	150.88
93	387.81	152.52
94	391.98	154.16
95	396.15	155.8
96	400.32	157.44
97	404.49	159.08
98	408.66	160.72
99	412.83	162.36
100	417	164
101	421.17	165.64
102	425.34	167.28
103	429.51	168.92
104	433.68	170.56
105	437.85	172.2
106	442.02	173.84
107	446.19	175.48
108	450.36	177.12
109	454.53	178.76
110	458.7	180.4
111	462.87	182.04
112	467.04	183.68
113	471.21	185.32
114	475.38	186.96
115	479.55	188.6
116	483.72	190.24
117	487.89	191.88
118	492.06	193.52
119	496.23	195.16
120	500.4	196.8

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Total Length Calculation = Order Code Length + End Feed option Length

Example: 25.2" Total Length = Order Code 15 (24.6) + (0.60") IP65 Side Feed

POWER FEED OPTION	IP65
END FEED	0.91"
BOTTOM FEED	0.60"
SIDE FEED	0.60"

CUTTING LENGTH INCREMENT TABLE

CODE	LENGTH (CM)	LENGTH (IN)
121	504.57	198.44
122	508.74	200.08
123	512.91	201.72
124	517.08	203.36
125	521.25	205
126	525.42	206.64
127	529.59	208.28
128	533.76	209.92
129	537.93	211.56
130	542.1	213.2
131	546.27	214.84
132	550.44	216.48
133	554.61	218.12
134	558.78	219.76
135	562.95	221.4
136	567.12	223.04
137	571.29	224.68
138	575.46	226.32
139	579.63	227.96
140	583.8	229.6
141	587.97	231.24
142	592.14	232.88
143	596.31	234.52
144	600.48	236.16
145	604.65	237.8
146	608.82	239.44
147	612.99	241.08
148	617.16	242.72
149	621.33	244.36
150	625.5	246
151	629.67	247.64
152	633.84	249.28
153	638.01	250.92
154	642.18	252.56
155	646.35	254.2
156	650.52	255.84
157	654.69	257.48
158	658.86	259.12
159	663.03	260.76
160	667.2	262.4

CODE	LENGTH (CM)	LENGTH (IN)
161	671.37	264.04
162	675.54	265.68
163	679.71	267.32
164	683.88	268.96
165	688.05	270.6
166	692.22	272.24
167	696.39	273.88
168	700.56	275.52
169	704.73	277.16
170	708.9	278.8
171	713.07	280.44
172	717.24	282.08
173	721.41	283.72
174	725.58	285.36
175	729.75	287
176	733.92	288.64
177	738.09	290.28
178	742.26	291.92
179	746.43	293.56
180	750.6	295.2
181	754.77	296.84
182	758.94	298.48
183	763.11	300.12
184	767.28	301.76
185	771.45	303.4
186	775.62	305.04
187	779.79	306.68
188	783.96	308.32
189	788.13	309.96
190	792.3	311.6
191	796.47	313.24
192	800.64	314.88
193	804.81	316.52
194	808.98	318.16
195	813.15	319.8
196	817.32	321.44
197	821.49	323.08
198	825.66	324.72
199	829.83	326.36
200	834	328

CODE	LENGTH (CM)	LENGTH (IN)
201	838.17	329.64
202	842.34	331.28
203	846.51	332.92
204	850.68	334.56
205	854.85	336.2
206	859.02	337.84
207	863.19	339.48
208	867.36	341.12
209	871.53	342.76
210	875.7	344.4
211	879.87	346.04
212	884.04	347.68
213	888.21	349.32
214	892.38	350.96
215	896.55	352.6
216	900.72	354.24
217	904.89	355.88
218	909.06	357.52
219	913.23	359.16
220	917.4	360.8
221	921.57	362.44
222	925.74	364.08
223	929.91	365.72
224	934.08	367.36
225	938.25	369
226	942.42	370.64
227	946.59	372.28
228	950.76	373.92
229	954.93	375.56
230	959.1	377.2
231	963.27	378.84
232	967.44	380.48
233	971.61	382.12

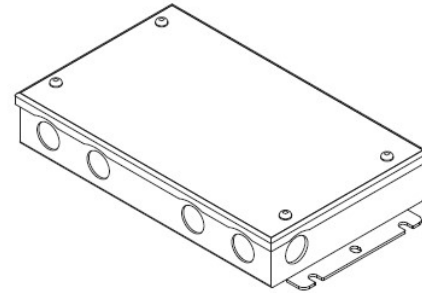
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COMPATIBLE TRANSFORMERS

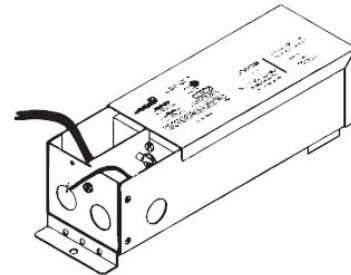
PSDL SERIES TRIAC DIMMABLE

PSDL-30W-24V	CLASS 2	6.5" X 3.63" X 1.58"
PSDL-60W-24V	CLASS 2	7.4" X 3.63" X 1.58"
PSDL-96W-24V	CLASS 2	8.67" X 3.67 X 1.62"
PSDL-150W-24V		10.25" X 4.06" X 1.82"
PSDL-192W-24V	CLASS 2	11" X 4" X 1.82"
PSDL-200W-24V		10.25" X 4.06" X 1.82"
PSDL-288W-24V	CLASS 2	11.85" X 4.25" X 1.82"
PSDL-300W-24V		10.25" X 4.06" X 1.82"



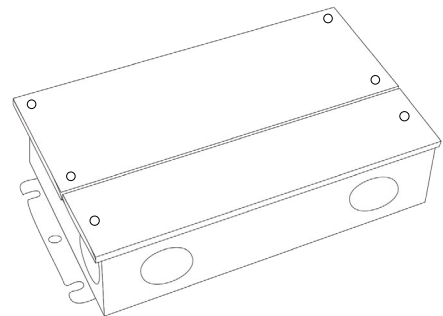
PSDH SERIES HIGH PERFORMANCE MAGNETIC LOW VOLTAGE (MLV)

PSDH-48W-24V	CLASS 2	11.25" X 3.38" X 3.38"
PSDH-96W-24V	CLASS 2	11.25" X 3.38" X 3.37"



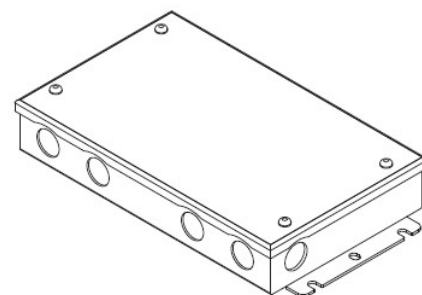
PSRX SERIES 4-IN-1 DIMMING DRIVER

PSRX-30W-24V	CLASS 2	6.5" X 3.72" X 1.57"
PSRX-60W-24V	CLASS 2	7.4" X 3.72" X 1.57"
PSRX-96W-24V	CLASS 2	8.66" X 3.72" X 1.57"
PSRX-150W-24V		10.24" X 4.13" X 1.77"
PSRX-192W-24V	CLASS 2	11" X 4" X 1.82"
PSRX-200W-24V		10.24" X 4.13" X 1.77"
PSRX-288W-24V	CLASS 2	11.85" X 4.25" X 1.82"
PSRX-300W-24V		10.94" X 4.33" X 1.77"



PSVT SERIES 0-10V DIMMING WITH JUNCTION BOX

PSVT-60W-24V-UNV-010	CLASS 2	7.4" X 3.72" X 1.57"
PSVT-96W-24V-UNV-010	CLASS 2	8.66" X 3.72" X 1.57"
PSVT-200W-24V-UNV-010		10.24" X 4.13" X 1.77"
PSVT-288W-24V-UNV-010	CLASS 2	11.85" X 4.25" X 1.81"
PSVT-300W-24V-UNV-010		10.94" X 4.33" X 1.77"



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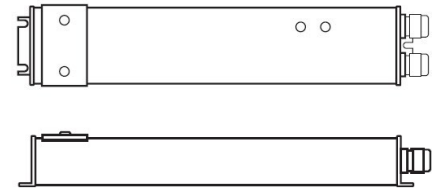
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COMPATIBLE TRANSFORMERS

PSDE SERIES

0-10V DIMMING W/ JUNCTION BOX

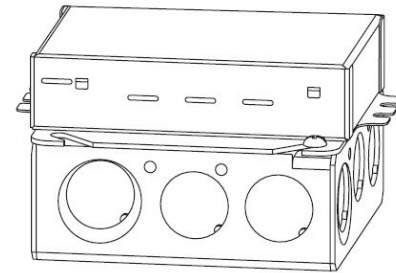
PSDE-60W-24V-010-JB	CLASS 2	12.1" X 2.36" X 1.4"
PSDE-96W-24V-010-JB	CLASS 2	12.1" X 2.36" X 1.4"



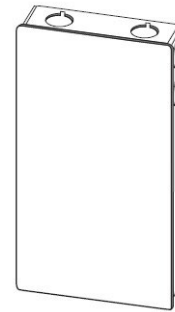
LUTRON 1%

3-WIRE DIMMING

L3DA4U1UKL-CV240	CLASS 2	4.89" X 4" X 2.62"
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PSDE-96W-24V-ECO	CLASS 2	10.5" X 3.0" X 2.0"
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COMPATIBLE NON-DIMMING DRIVERS

PSHK SERIES

NON-DIMMING CONSTANT VOLTAGE WITH JUNCTION BOX

PSHK-30W-24V	CLASS 2	6.5" X 3.6" X 1.02"
PSHK-60W-24V	CLASS 2	7.4" X 3.62" X 1.02"
PSHK-96W-24V	CLASS 2	8.66" X 3.66" X 1.61"
PSHK-150W-24V		10.24" X 4.06" X 1.81"
PSHK-200W-24V		10.24" X 4.06" X 1.81"
PSHK-288W-24V	CLASS 2	11.85" X 4.25" X 1.82"
PSHK-300W-24V		10.24" X 4.25" X 1.81"

