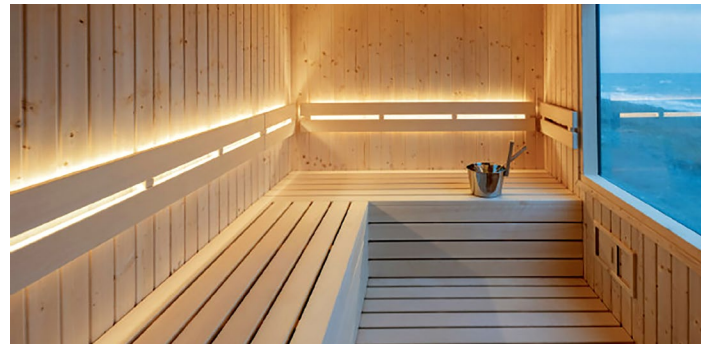


# LNT-65 SPA SERIES

## 2W SAUNA/ STEAM RATED FLEXIBLE LED NEON SERIES

Project \_\_\_\_\_  
Location \_\_\_\_\_  
Quote/ Ref # \_\_\_\_\_

The **LNT65-SPA Series** is a high performance flexible LED fixture designed for use in a sauna/steam environment. Designed to resist high temperatures with its adaptive constant current control built-in feature. It is a flexible strip light that can bend around contours or tight curves horizontally or vertically without being damaged.



### SPECIFICATIONS

INPUT VOLTAGE	24V DC Constant Voltage
POWER CONSUMPTION	2W per Ft.
LUMEN OUTPUT	138 Lm/ Ft.
CRI	88+
COLOR TEMPERATURE	24K/ 27K/ 30K/ 35K/ 40K/ 50K RD/ GN/ BL/ AM/ PK/ YW
DIMMING/ CONTROL	MLV, ELV, 0-10 and TRIAC
MAXIMUM RUN LENGTH	32 Ft.
CUTTABLE	Every 55.6mm (2.19 in)
STORAGE TEMPERATURE	-40°F (-40°C) to 176°F (80°C)
OPERATING TEMPERATURE	-4°F (-20°C) to 194°F (90°C)
BEAM ANGLE	160°
LED CHIP	NICHIA
HUMIDITY	0-95% Non Condensing
IP RATING	IP67
CERTIFICATIONS	UL Listed
LUMEN MAINTENANCE	50,000 Hrs.

### FEATURES

- Sauna/ Steam rated for use in higher temperatures
- High color consistency and smooth illumination
- Multiple CCT options available
- Continuous run length up to 32 Ft.
- Bottom, Side and End Feed options
- UL Listed (US and Canada)

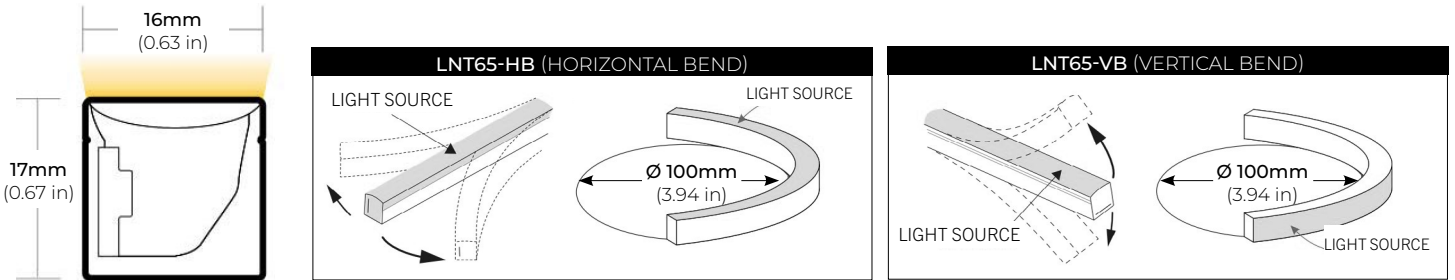


MODEL	SURFACE	COLOR TEMP	VOLT	LENGTH	POWER FEED	FEED LENGTH
LNT-65SPA	HB Horizontal Bend	<b>24K</b> 2400K	<b>RD</b> Red	<b>24</b> 24V DC	Please refer to page 4-5 for exact lengths with corresponding ordering codes.	<b>HW3</b> 3 Ft. Power Feed
		<b>27K</b> 2700K	<b>GN</b> Green			<b>HW10</b> 10 Ft. Power Feed
	<b>30K</b> 3000K	<b>BL</b> Blue	<b>HW15</b> 15 Ft. Power Feed			
	<b>35K</b> 3500K	<b>AM</b> Amber	<b>HW30</b> 30 Ft. Power Feed			
	<b>40K</b> 4000K	<b>PK</b> Pink	<b>HW50</b> 50 Ft. Power Feed			
	<b>50K</b> 5000K	<b>YW</b> Yellow				
	VB Vertical Bend				<b>BF</b> Bottom Feed	
					<b>SFL</b> Side Feed Left	
					<b>SFR</b> Side Feed Right	
					<b>EF</b> End Feed	

# LNT-65 SPA SERIES

## 2W SAUNA/ STEAM RATED FLEXIBLE LED NEON SERIES

### DIMENSIONS

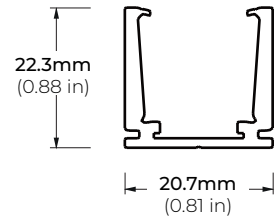


### COMPATIBLE ACCESSORIES

#### SELF LOCKING ALUMINUM PROFILE

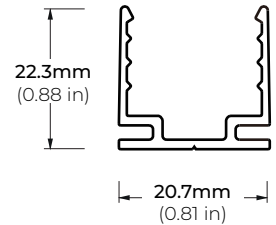
LNT65-AC2  
2" PROFILE

LNT65-AC39  
39" PROFILE



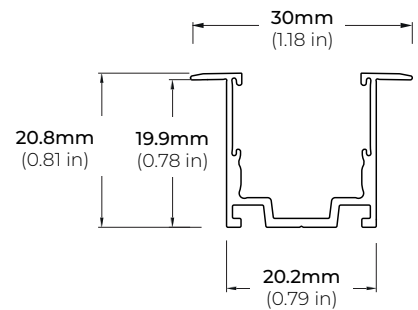
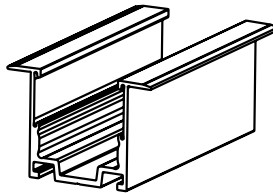
#### PLASTIC PROFILE

LNT65-PC39  
39" PROFILE



#### RECESSED PROFILE

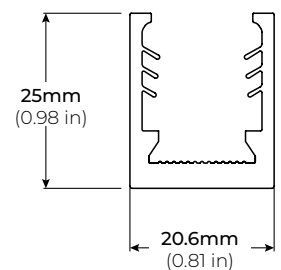
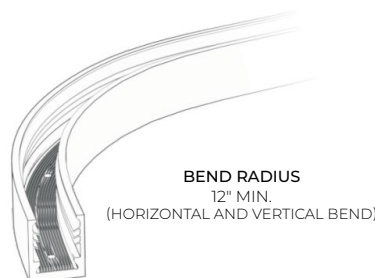
LNT65-RS39  
39" PROFILE



#### FLEXIBLE PROFILE

LNT65-SPX39-WH  
39" PROFILE (WHITE)

LNT65-SPX39-BK  
39" PROFILE (BLACK)

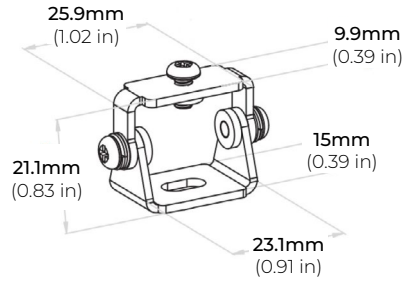


# LNT-65 SPA SERIES

## 2W SAUNA/ STEAM RATED FLEXIBLE LED NEON SERIES

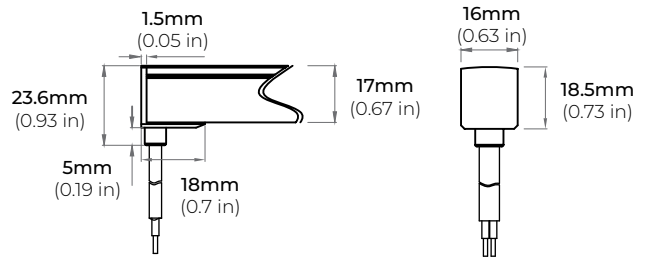
### COMPATIBLE ACCESSORIES

LNT65-BKT-ADJ  
ADJUSTABLE BRACKET

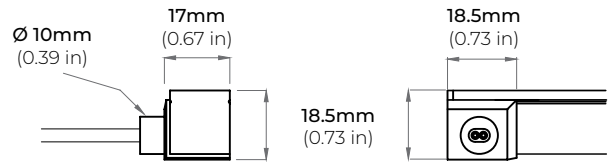
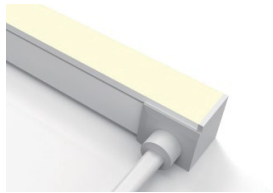


### POWER FEED

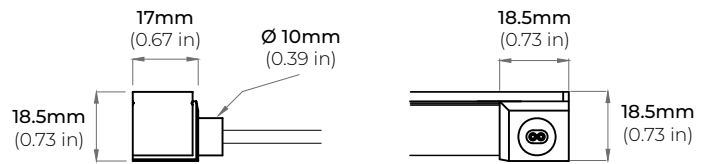
BF  
BOTTOM FEED



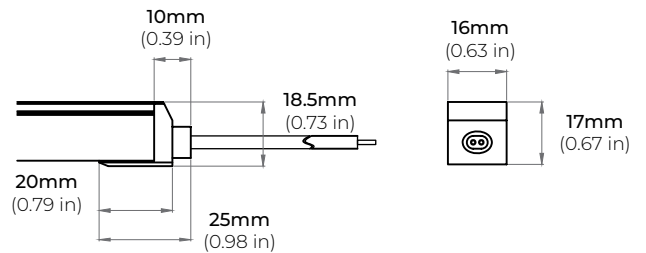
SFL  
SIDE FEED LEFT



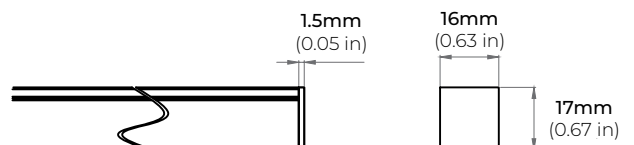
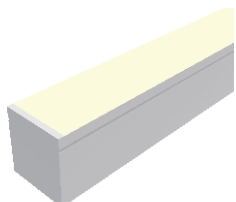
SFR  
SIDE FEED RIGHT



EF  
END FEED



LNT65-EC  
END CAP



# LNT-65 SPA SERIES

## 2W SAUNA/ STEAM RATED FLEXIBLE LED NEON SERIES

### CUTTING LENGTH CODES

LNT-65 Spa Series is cuttable every 2.19" (5.56CM). 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: 65.9" Total Length = Order Code 30 (65.7") + (0.20) Side Feed**

\* Optional lead wire lengths available: 3Ft., 10Ft., 16Ft., 32Ft., 50Ft.

POWER FEED OPTION	
END FEED	1.1"
BOTTOM FEED	0.20"
SIDE FEED	0.20"

### CUTTING LENGTH INCREMENT TABLE

CODE	LENGTH (CM)	LENGTH (IN)
3	16.8	6.57
4	22.4	8.76
5	28	10.95
6	33.6	13.14
7	39.2	15.33
8	44.8	17.52
9	50.4	19.71
10	56	21.9
11	61.6	24.09
12	67.2	26.28
13	72.8	28.47
14	78.4	30.66
15	84	32.85
16	89.6	35.04
17	95.2	37.23
18	100.8	39.42
19	106.4	41.61
20	112	43.8
21	117.6	45.99
22	123.2	48.18
23	128.8	50.37
24	134.4	52.56
25	140	54.75
26	145.6	56.94
27	151.2	59.13
28	156.8	61.32
29	162.4	63.51
30	168	65.7
31	173.6	67.89
32	179.2	70.08
33	184.8	72.27
34	190.4	74.46
35	196	76.65
36	201.6	78.84
37	207.2	81.03
38	212.8	83.22
39	218.4	85.41
40	224	87.6
41	229.6	89.79
42	235.2	91.98

CODE	LENGTH (CM)	LENGTH (IN)
43	240.8	94.17
44	246.4	96.36
45	252	98.55
46	257.6	100.74
47	263.2	102.93
48	268.8	105.12
49	274.4	107.31
50	280	109.5
51	285.6	111.69
52	291.2	113.88
53	296.8	116.07
54	302.4	118.26
55	308	120.45
56	313.6	122.64
57	319.2	124.83
58	324.8	127.02
59	330.4	129.21
60	336	131.4
61	341.6	133.59
62	347.2	135.78
63	352.8	137.97
64	358.4	140.16
65	364	142.35
66	369.6	144.54
67	375.2	146.73
68	380.8	148.92
69	386.4	151.11
70	392	153.3
71	397.6	155.49
72	403.2	157.68
73	408.8	159.87
74	414.4	162.06
75	420	164.25
76	425.6	166.44
77	431.2	168.63
78	436.8	170.82
79	442.4	173.01
80	448	175.2
81	453.6	177.39
82	459.2	179.58

CODE	LENGTH (CM)	LENGTH (IN)
83	464.8	181.77
84	470.4	183.96
85	476	186.15
86	481.6	188.34
87	487.2	190.53
88	492.8	192.72
89	498.4	194.91
90	504	197.1
91	509.6	199.29
92	515.2	201.48
93	520.8	203.67
94	526.4	205.86
95	532	208.05
96	537.6	210.24
97	543.2	212.43
98	548.8	214.62
99	554.4	216.81
100	560	219
101	565.6	221.19
102	571.2	223.38
103	576.8	225.57
104	582.4	227.76
105	588	229.95
106	593.6	232.14
107	599.2	234.33
108	604.8	236.52
109	610.4	238.71
110	616	240.9
111	621.6	243.09
112	627.2	245.28
113	632.8	247.47
114	638.4	249.66
115	644	251.85
116	649.6	254.04
117	655.2	256.23
118	660.8	258.42
119	666.4	260.61
120	672	262.8
121	677.6	264.99
122	683.2	267.18

# LNT-65 SPA SERIES

## 2W SAUNA/ STEAM RATED FLEXIBLE LED NEON SERIES

### CUTTING LENGTH CODES (CONT.)

LNT-65 Spa Series is cuttable every 2.19" (5.56CM). 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: 65.9" Total Length = Order Code 30 (65.7") + (0.20) Side Feed**

\* Optional lead wire lengths available: 3Ft., 10Ft., 16Ft., 32Ft., 50Ft.

POWER FEED OPTION	
END FEED	1.1"
BOTTOM FEED	0.20"
SIDE FEED	0.20"

### CUTTING LENGTH INCREMENT TABLE

CODE	LENGTH (CM)	LENGTH (IN)
123	688.8	269.37
124	694.4	271.56
125	700	273.75
126	705.6	275.94
127	711.2	278.13
128	716.8	280.32
129	722.4	282.51
130	728	284.7
131	733.6	286.89
132	739.2	289.08
133	744.8	291.27
134	750.4	293.46
135	756	295.65
136	761.6	297.84
137	767.2	300.03
138	772.8	302.22
139	778.4	304.41
140	784	306.6
141	789.6	308.79
142	795.2	310.98
143	800.8	313.17
144	806.4	315.36
145	812	317.55
146	817.6	319.74
147	823.2	321.93
148	828.8	324.12
149	834.4	326.31
150	840	328.5
151	845.6	330.69
152	851.2	332.88
153	856.8	335.07
154	862.4	337.26
155	868	339.45
156	873.6	341.64
157	879.2	343.83
158	884.8	346.02
159	890.4	348.21
160	896	350.4
161	901.6	352.59
162	907.2	354.78

CODE	LENGTH (CM)	LENGTH (IN)
163	912.8	356.97
164	918.4	359.16
165	924	361.35
166	929.6	363.54
167	935.2	365.73
168	940.8	367.92
169	946.4	370.11
170	952	372.3
171	957.6	374.49
172	963.2	376.68
173	968.8	378.87
174	974.4	381.06
175	980	383.25
176	985.6	385.44
177	991.2	387.63
178	996.8	389.82
179	1002.4	392.01
180	1008	394.2

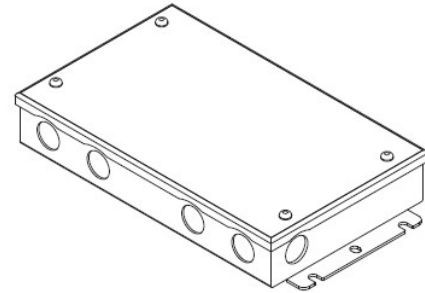
# LNT-65 SPA SERIES

## 2W SAUNA/ STEAM RATED FLEXIBLE LED NEON SERIES

### COMPATIBLE TRANSFORMERS

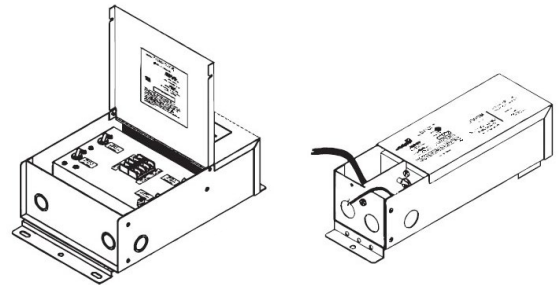
#### PSDL SERIES TRIAC DIMMABLE

PSDL-30W-24V	CLASS 2	6.5" X 3.63" X 1.03"
PSDL-60W-24V	CLASS 2	7.4" X 3.63" X 1.03"
PSDL-96W-24V	CLASS 2	8.67" X 3.67" X 1.62"
PSDL-150W-24V		8.67" X 3.67" X 1.62"
PSDL-192W-24V	CLASS 2	10.25" X 4.06" X 1.82"
PSDL-200W-24V		10.25" X 4.06" X 1.82"
PSDL-288W-24V	CLASS 2	10.25" X 4.06" X 1.82"
PSDL-300W-24V		10.25" X 4.06" X 1.82"



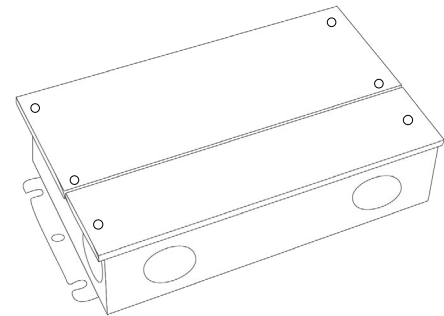
#### PSDH SERIES HIGH PERFORMANCE MAGNETIC LOW VOLTAGE (MLV)

PSDH-48W-24V	CLASS 2	11.25" X 3.37" X 3.25"
PSDH-96W-24V	CLASS 2	11.25" X 3.37" X 3.25"
PSDH-288W-24V	CLASS 2	14.25" X 8.43" X 4.43"



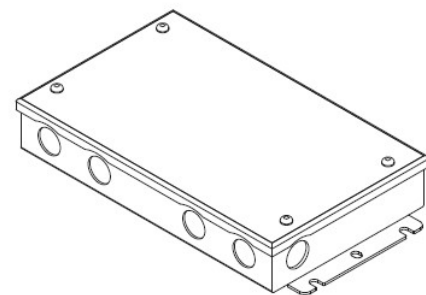
#### PSRX SERIES 4-IN-1 DIMMING DRIVER

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 DRIVER

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



# LNT-65 SPA SERIES

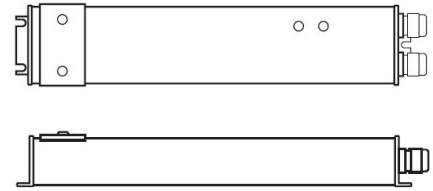
## 2W SAUNA/ STEAM RATED FLEXIBLE LED NEON SERIES

### COMPATIBLE TRANSFORMERS

#### PSDE SERIES

0-10V DIMMING W/ JUNCTION BOX

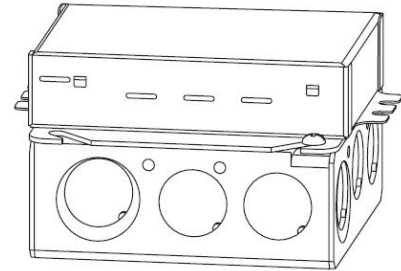
PSDE-60W-24V-010-JB	CLASS 2	12.1" X 2.36" X 1.4"
PSDE-96W-24V-010-JB	CLASS 2	12.1" X 2.36" X 1.4"



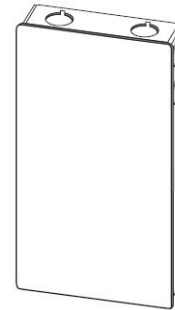
#### LUTRON 1%

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"

