

LNT-20 HB/VB SERIES

1.5W IP65 FLEXIBLE LED NEON SERIES

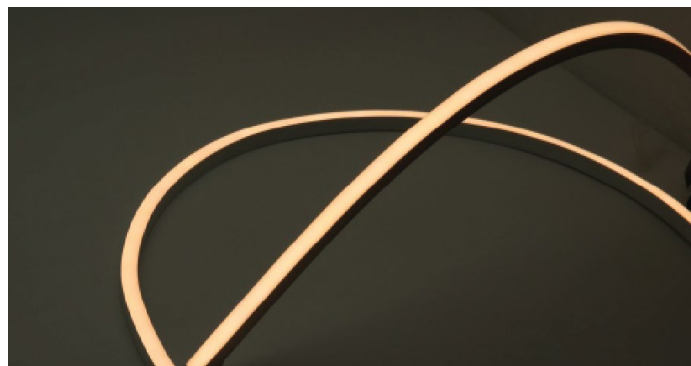
The **LNT-20HB/VB** is a high performance, flexible LED strip designed as a neon replacement, useful in a wide variety of indoor or outdoor applications where a smooth surface or continuous line of light is desired. It can bend around contours or tight curves horizontally or vertically without being 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.
MINIMUM RUN LENGTH	3.28 in.
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.

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)



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



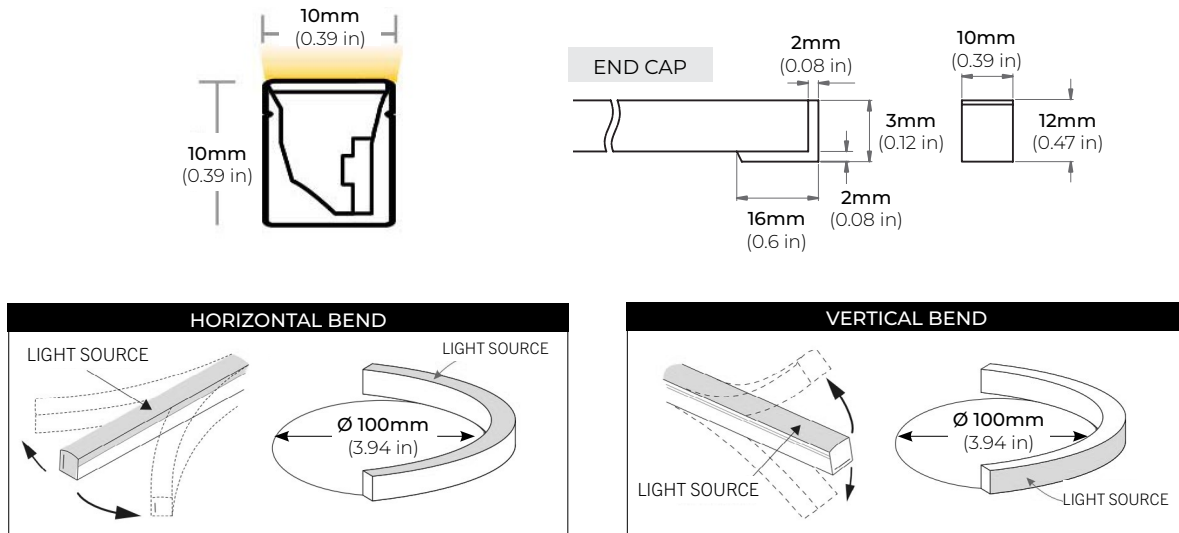
MODEL	SURFACE	COLOR TEMP		VOLT	LENGTH	INPUT	FEED LENGTH	OUTPUT	FEED LENGTH*
LNT-20	HB Horizontal Bend	22K	RD Red	24 24V DC	Please refer to page 4 for exact cutting lengths.	IP65BF Bottom Feed	HW3 3 Ft. Power Feed	IP65BF Bottom Feed	HW3 3 Ft. Power Feed
		24K	GN Green			IP65SFL Side Feed Left	HW10 10 Ft. Power Feed	IP65SFL Side Feed Left	HW10 10 Ft. Power Feed
	VB Vertical Bend	27K	BL Blue			IP65SFR Side Feed Right	HW16 16 Ft. Power Feed	IP65SFR Side Feed Right	HW16 16 Ft. Power Feed
		30K	AM Amber			HW32 32 Ft. Power Feed	HW32 32 Ft. Power Feed	IP65EF End Feed	HW32 32 Ft. Power Feed
		35K				IP65EF End Feed	HW50 50 Ft. Power Feed	IP65EF End Feed	HW50 50 Ft. Power Feed
		40K						EC End Cap	
		50K							
		5000K							

* Not compatible with
End Cap (EC)

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DIMENSIONS

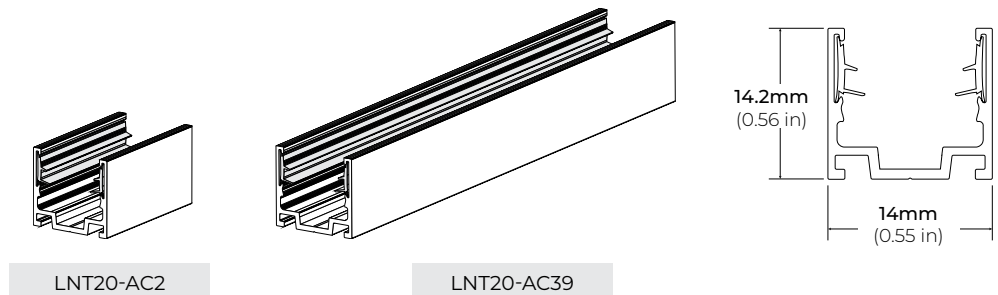


MOUNTING ACCESSORIES

ALUMINUM PROFILE

LNT20-AC2
0.8" PROFILE

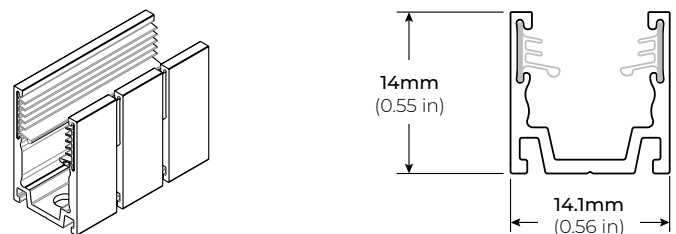
LNT20-AC39
39" PROFILE



FLEXIBLE ALUMINUM PROFILE

LNT20-HB-AFX
39" PROFILE

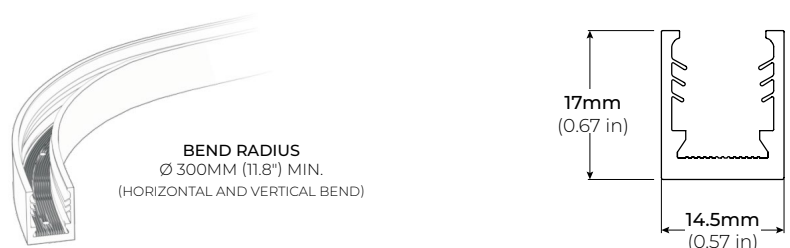
** Compatible with Horizontal Bend (LNT20-HB) ONLY*



FLEXIBLE PROFILE

LNT20-SPX39-WH
39" PROFILE (WHITE)

LNT20-SPX39-BK
39" PROFILE (BLACK)

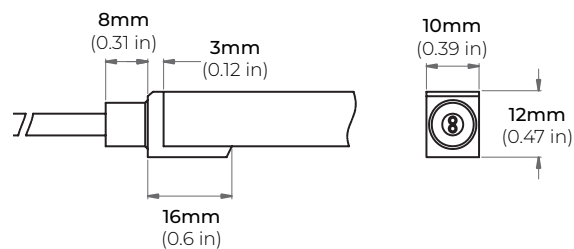


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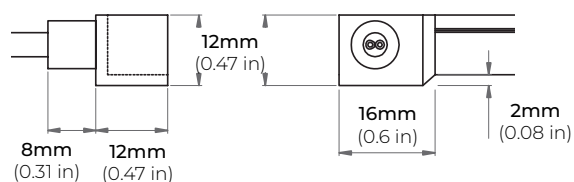
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IP65 POWER FEED

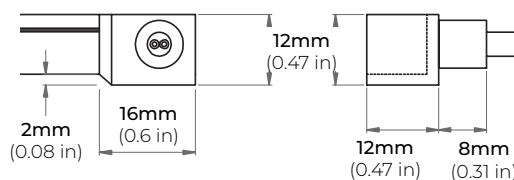
IP65EF
END FEED



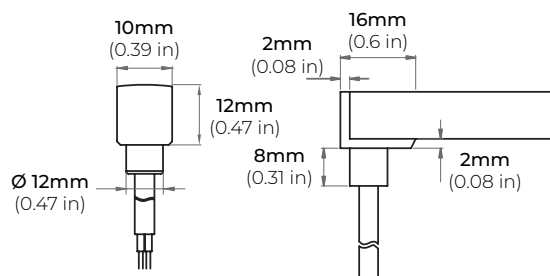
IP65SFL
SIDE FEED LEFT



IP65SFR
SIDE FEED RIGHT



IP65BF
BOTTOM FEED



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CUTTING LENGTHS

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 = LNT Neon Series Length + End Feed option Length
Example: 25.2" Total Length = LNT Neon Series (24.6) + (0.60") IP65 Side Feed

* Minimum Run Length is 3.28".

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

CUTTING LENGTH INCREMENT TABLE

LENGTH (IN)	LENGTH (IN)	LENGTH (IN)	LENGTH (IN)	LENGTH (IN)	LENGTH (IN)
3.28	68.88	134.48	200.08	265.68	331.28
4.92	70.52	136.12	201.72	267.32	332.92
6.56	72.16	137.76	203.36	268.96	334.56
8.2	73.8	139.4	205	270.6	336.2
9.84	75.44	141.04	206.64	272.24	337.84
11.48	77.08	142.68	208.28	273.88	339.48
13.12	78.72	144.32	209.92	275.52	341.12
14.76	80.36	145.96	211.56	277.16	342.76
16.4	82	147.6	213.2	278.8	344.4
18.04	83.64	149.24	214.84	280.44	346.04
19.68	85.28	150.88	216.48	282.08	347.68
21.32	86.92	152.52	218.12	283.72	349.32
22.96	88.56	154.16	219.76	285.36	350.96
24.6	90.2	155.8	221.4	287	352.6
26.24	91.84	157.44	223.04	288.64	354.24
27.88	93.48	159.08	224.68	290.28	355.88
29.52	95.12	160.72	226.32	291.92	357.52
31.16	96.76	162.36	227.96	293.56	359.16
32.8	98.4	164	229.6	295.2	360.8
34.44	100.04	165.64	231.24	296.84	362.44
36.08	101.68	167.28	232.88	298.48	364.08
37.72	103.32	168.92	234.52	300.12	365.72
39.36	104.96	170.56	236.16	301.76	367.36
41	106.6	172.2	237.8	303.4	369
42.64	108.24	173.84	239.44	305.04	370.64
44.28	109.88	175.48	241.08	306.68	372.28
45.92	111.52	177.12	242.72	308.32	373.92
47.56	113.16	178.76	244.36	309.96	375.56
49.2	114.8	180.4	246	311.6	377.2
50.84	116.44	182.04	247.64	313.24	378.84
52.48	118.08	183.68	249.28	314.88	380.48
54.12	119.72	185.32	250.92	316.52	382.12
55.76	121.36	186.96	252.56	318.16	
57.4	123	188.6	254.2	319.8	
59.04	124.64	190.24	255.84	321.44	
60.68	126.28	191.88	257.48	323.08	
62.32	127.92	193.52	259.12	324.72	
63.96	129.56	195.16	260.76	326.36	
65.6	131.2	196.8	262.4	328	
67.24	132.84	198.44	264.04	329.64	

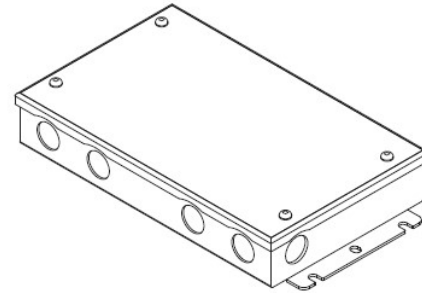
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COMPATIBLE TRANSFORMERS

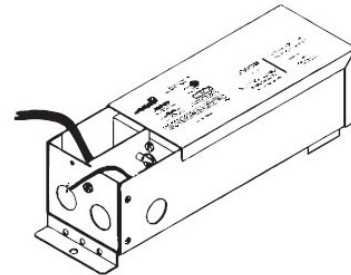
PSDL SERIES TRIAC DIMMABLE

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"



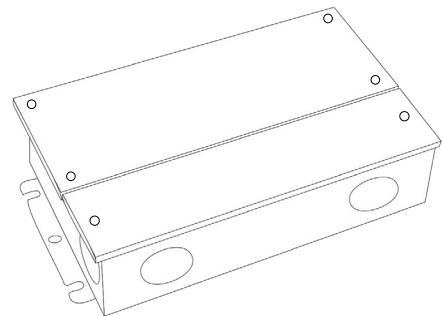
PSDH SERIES HIGH PERFORMANCE MAGNETIC LOW VOLTAGE (MLV)

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"



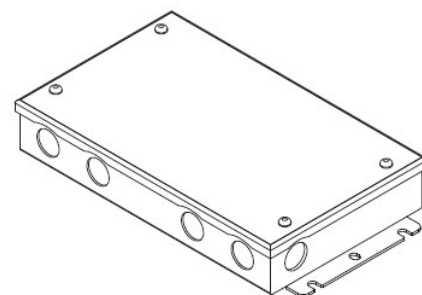
PSRX SERIES 4-IN-1 DIMMING DRIVER

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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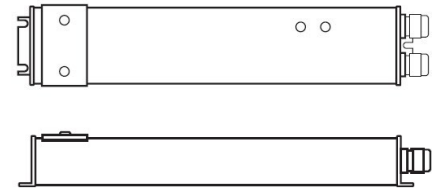
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COMPATIBLE TRANSFORMERS

PSDE SERIES

0-10V DIMMING W/ JUNCTION BOX

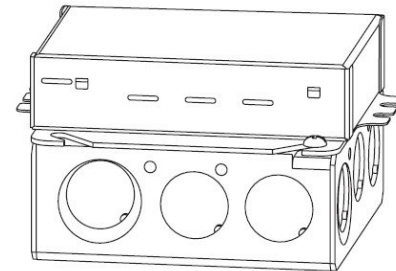
PSDE-60W-24V-010-JB	CLASS 2	12.1" X 2.36" X 1.4"
PSDE-96W-24V-010-JB	CLASS 2	12.1" X 2.36" X 1.4"



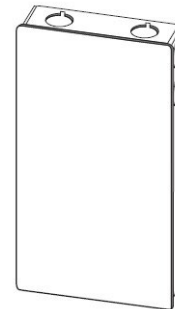
LUTRON 1%

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"

