

LNT-65WD

4W WARM-DIM FLEXIBLE LED NEON SERIES

Project _____

Location _____

Quote/ Ref # _____

LNT-65WD is a warm-dim high-performance flexible LED strip designed as a neon replacement. Suitable for indoor and outdoor applications, the LNT-65WD automatically shifts color temperatures from 30K down to 18K as it is being dimmed. Available in horizontal and vertical bend options, It can easily follow the contours of your installation surface.

SPECIFICATIONS

INPUT VOLTAGE	24V DC Constant Voltage
POWER CONSUMPTION	4W per Ft.
LUMEN OUTPUT	183 Lm/ Ft. (30K)
CRI	88+
POWER FACTOR	≥ 1
COLOR TEMPERATURE	18K/30K
DIMMING	MLV, ELV, 0-10V and TRIAC
MAXIMUM RUN LENGTH	50 Ft.
MINIMUM RUN LENGTH	4.92"
CUTTING INTERVALS	Every 62.5mm (2.46 in)
STORAGE TEMPERATURE	-40°F (-40°C) to 140°F (60°C)
OPERATING TEMPERATURE	-40°F (-40°C) to 131°F (55°C)
BEAM ANGLE	112°
HUMIDITY	0-95% Non Condensing
IP RATING	IP67/IP68 IP68CW
CERTIFICATIONS	UL Listed
LUMEN MAINTENANCE	50,000 Hrs.



FEATURES

- Auto warm-dim technology
- Smooth illumination
- Horizontal and Vertical bend options
- Bottom, Side and End Feed options
- 50 Ft. Maximum Run Length
- UL Listed (US and Canada)
- Dimmable with CORE dimmable drivers

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



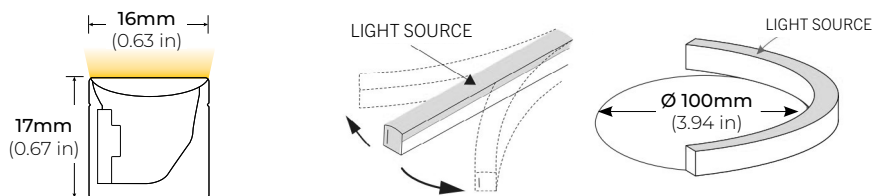
MODEL	LENS	SURFACE	CCT	LENGTH	VOLT	RATING	INPUT	LENGTH	OUTPUT	LENGTH*
LNT-65WD	F Flat	HB Horizontal Bend	18K/30K 1800K/3000K	Please refer to page 6 for exact cutting lengths.	24 24V DC	IP68 IP67/ 68	BF Bottom Feed	HW3 3 Ft. Power Feed	BF Bottom Feed	HW3 3 Ft. Power Feed
		IP68CW Chlorine Water				SFL Side Feed Left	HW10 10 Ft. Power Feed	SFL Side Feed Left	HW10 10 Ft. Power Feed	
						SFR Side Feed Right	HW15 15 Ft. Power Feed	SFR Side Feed Right	HW15 15 Ft. Power Feed	
						EF End Feed	HW30 30 Ft. Power Feed	EF End Feed	HW30 30 Ft. Power Feed	
							HW50 50 Ft. Power Feed	EC End Cap	HW50 50 Ft. Power Feed	
										<i>* Not compatible with End Cap (EC)</i>

LNT-65WD

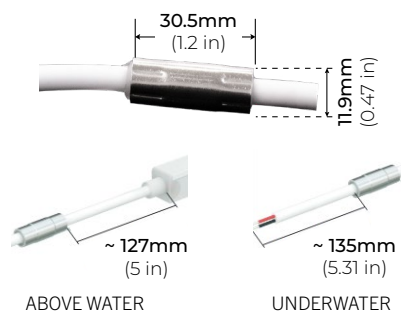
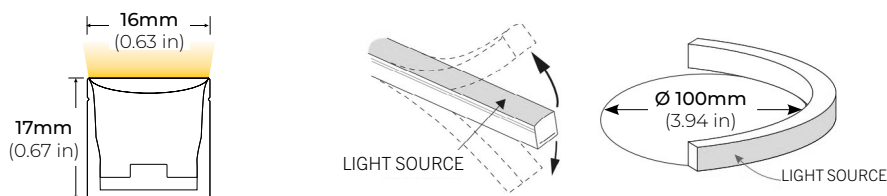
4W WARM-DIM FLEXIBLE LED NEON SERIES

DIMENSIONS

LNT65-HB (HORIZONTAL BEND)



LNT65-VB (VERTICAL BEND)



ABOVE WATER

UNDERWATER

POWER FEED CHOKER

All CORE Lighting IP67/IP68 Neons include a choker that sits roughly 5" from the end of the Neon for above water applications, and roughly 5.31" from the end of the cable for underwater applications.

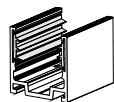
**Warranty is void if removed.*

COMPATIBLE ACCESSORIES

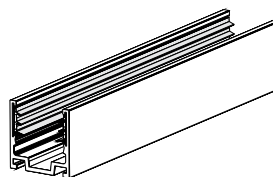
SELF LOCKING ALUMINUM PROFILE

LNT65-AC2
0.78" PROFILE

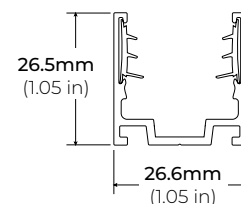
LNT65-AC39
39" PROFILE



LNT65-AC2

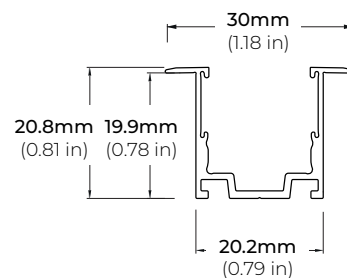
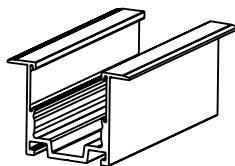


LNT65-AC39



RECESSED PROFILE

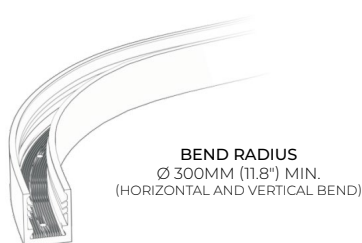
LNT65-RS39
39" PROFILE



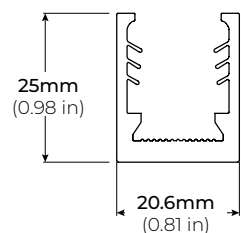
FLEXIBLE PROFILE

LNT65-SPX39-WH
39" PROFILE (WHITE)

LNT65-SPX39-BK
39" PROFILE (BLACK)



BEND RADIUS
Ø 300MM (11.8") MIN.
(HORIZONTAL AND VERTICAL BEND)



LNT-65WD

4W WARM-DIM FLEXIBLE LED NEON SERIES

COMPATIBLE ACCESSORIES

RACEWAY PROFILE

LNT65-ARC39-SI
39" PROFILE (SILVER)

LNT65-ARC39-WH
39" PROFILE (WHITE)

LNT65-ARC39-BK
39" PROFILE (BLACK)

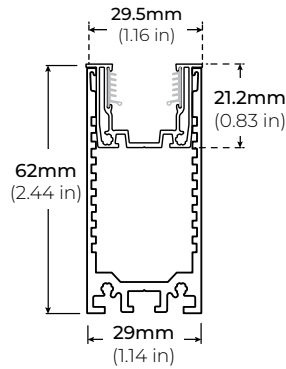
LNT65-ARC-EC
END CAPS

* Set of 2 (1 with Hole and 1 without Hole)

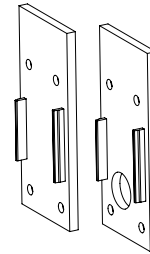
* Sold Separately

LNT65-ARC-JB
JOINER BRACKET

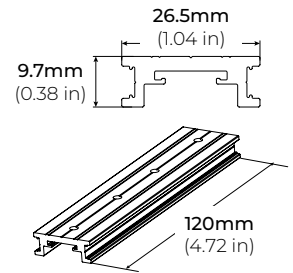
* Sold Separately



LNT65-ARC39



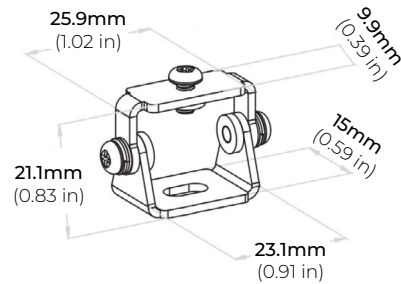
LNT65-ARC-EC



LNT65-ARC-JB

LNT65-BKT-ADJ
ADJUSTABLE BRACKET

* Only compatible with LNT65-AC2 and LNT65-AC39

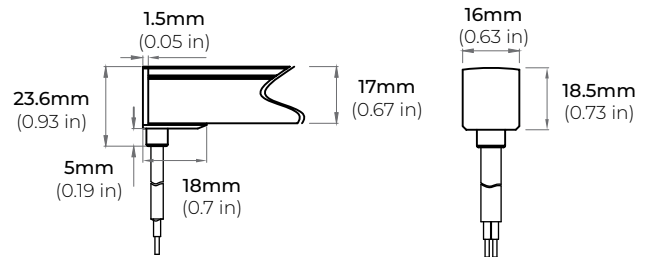


LNT-65WD

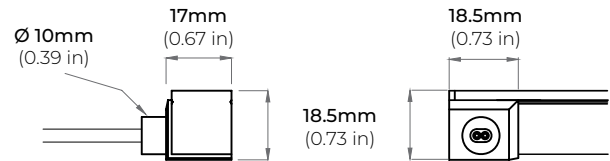
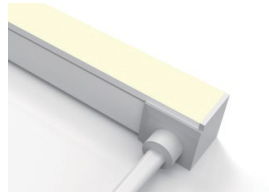
4W WARM-DIM FLEXIBLE LED NEON SERIES

IP67/68 POWER FEED

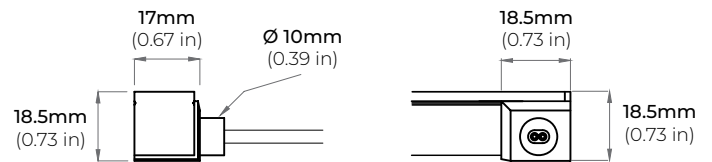
BF
BOTTOM FEED



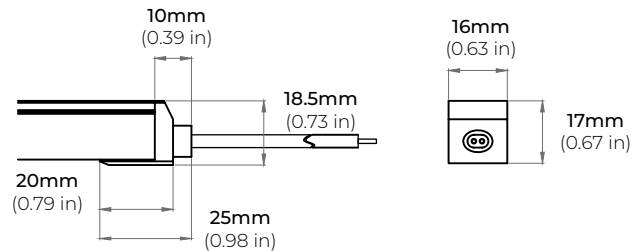
SFL
SIDE FEED LEFT



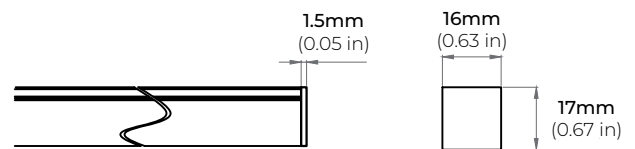
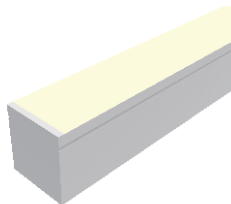
SFR
SIDE FEED RIGHT



EF
END FEED



LNT65-EC
END CAP

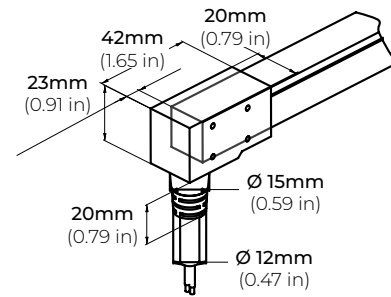


LNT-65WD

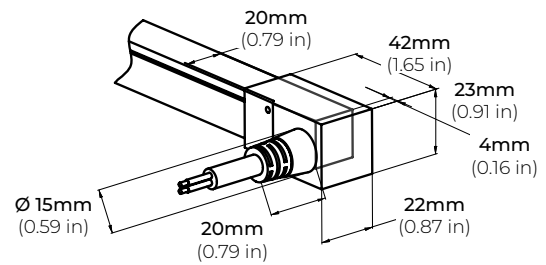
4W WARM-DIM FLEXIBLE LED NEON SERIES

IP68CW POWER FEED

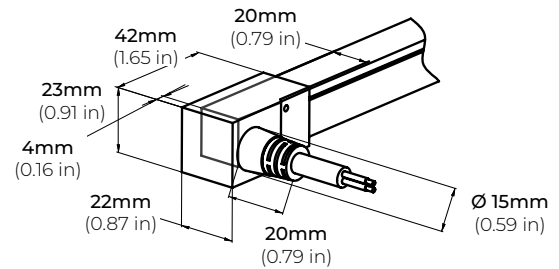
BF
BOTTOM FEED



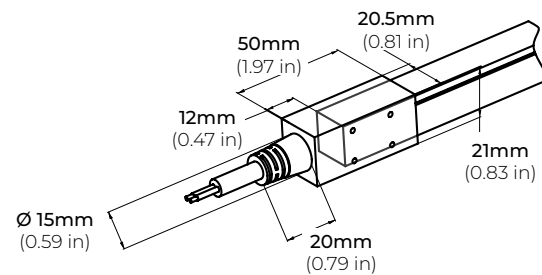
SFL
SIDE FEED LEFT



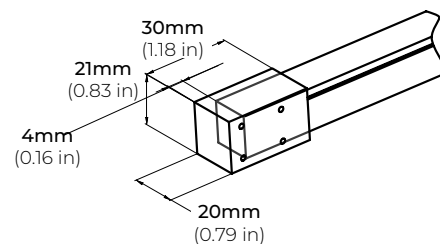
SFR
SIDE FEED RIGHT



EF
END FEED



LNT65-EC
END CAP



LNT-65WD

4W WARM-DIM FLEXIBLE LED NEON SERIES

CUTTING LENGTHS

LNT-65WD is cuttable every **2.46" (6.25CM)**. 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: 74" Total Length = LNT Neon Series (73.80") + (0.20") Side Feed

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

* **Minimum Run Length is 4.92"**

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

CUTTING LENGTH INCREMENT TABLE

LENGTH (IN)	LENGTH (IN)	LENGTH (IN)	LENGTH (IN)	LENGTH (IN)	LENGTH (IN)
4.92	105.78	206.64	307.5	408.36	509.22
7.38	108.24	209.1	309.96	410.82	511.68
9.84	110.7	211.56	312.42	413.28	514.14
12.3	113.16	214.02	314.88	415.74	516.6
14.76	115.62	216.48	317.34	418.2	519.06
17.22	118.08	218.94	319.8	420.66	521.52
19.68	120.54	221.4	322.26	423.12	523.98
22.14	123	223.86	324.72	425.58	526.44
24.6	125.46	226.32	327.18	428.04	528.9
27.06	127.92	228.78	329.64	430.5	531.36
29.52	130.38	231.24	332.1	432.96	533.82
31.98	132.84	233.7	334.56	435.42	536.28
34.44	135.3	236.16	337.02	437.88	538.74
36.9	137.76	238.62	339.48	440.34	541.2
39.36	140.22	241.08	341.94	442.8	543.66
41.82	142.68	243.54	344.4	445.26	546.12
44.28	145.14	246	346.86	447.72	548.58
46.74	147.6	248.46	349.32	450.18	551.04
49.2	150.06	250.92	351.78	452.64	553.5
51.66	152.52	253.38	354.24	455.1	555.96
54.12	154.98	255.84	356.7	457.56	558.42
56.58	157.44	258.3	359.16	460.02	560.88
59.04	159.9	260.76	361.62	462.48	563.34
61.5	162.36	263.22	364.08	464.94	565.8
63.96	164.82	265.68	366.54	467.4	568.26
66.42	167.28	268.14	369	469.86	570.72
68.88	169.74	270.6	371.46	472.32	573.18
71.34	172.2	273.06	373.92	474.78	575.64
73.8	174.66	275.52	376.38	477.24	578.1
76.26	177.12	277.98	378.84	479.7	580.56
78.72	179.58	280.44	381.3	482.16	583.02
81.18	182.04	282.9	383.76	484.62	585.48
83.64	184.5	285.36	386.22	487.08	587.94
86.1	186.96	287.82	388.68	489.54	590.4
88.56	189.42	290.28	391.14	492	592.86
91.02	191.88	292.74	393.6	494.46	595.32
93.48	194.34	295.2	396.06	496.92	597.78
95.94	196.8	297.66	398.52	499.38	600.24
98.4	199.26	300.12	400.98	501.84	
100.86	201.72	302.58	403.44	504.3	
103.32	204.18	305.04	405.9	506.76	

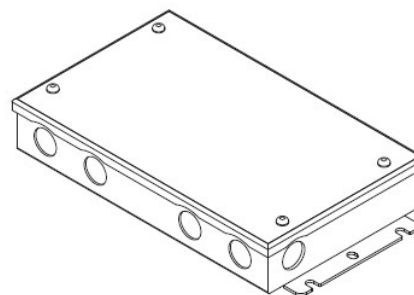
LNT-65WD

4W WARM-DIM FLEXIBLE LED NEON SERIES

COMPATIBLE TRANSFORMERS

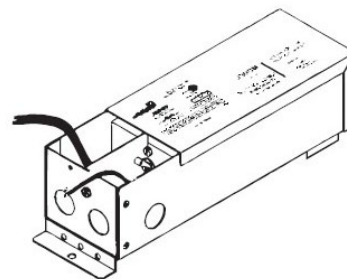
PSDL SERIES TRIAC DIMMABLE

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"



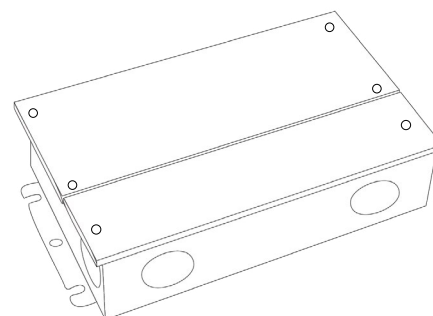
PSDH SERIES HIGH PERFORMANCE MAGNETIC LOW VOLTAGE (MLV)

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"



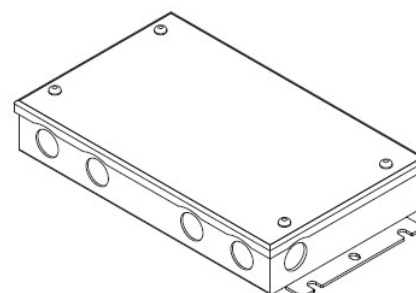
PSRX SERIES 4-IN-1 DIMMING DRIVER

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-65WD

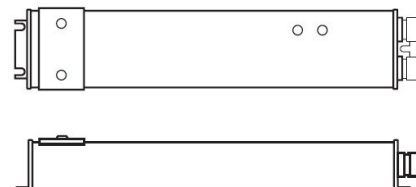
4.5W IP67/ IP68 COLOR CHANGING + WHITE NEON SERIES

COMPATIBLE TRANSFORMERS

PSDE SERIES

0-10V DIMMING W/ JUNCTION BOX

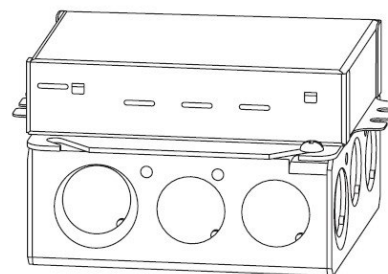
PSDE-60W-24V-010-JB	CLASS 2	12.1" X 2.36" X 1.4"
PSDE-96W-24V-010-JB	CLASS 2	12.1" X 2.36" X 1.4"



LUTRON 1%

3-WIRE DIMMING

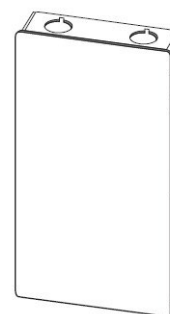
L3DA4U1UKL-CV240	CLASS 2	4.89" X 4" X 2.62"
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LUTRON 1%

3-WIRE DIMMING

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"

