

LNE-30 DUAL BEND

3W IP67 FLEXIBLE LED NEON SERIES

CORE
ARCHITECTURAL
LIGHTING

UPDATED: 10.02.26

Project _____

Location _____

Quote/ Ref # _____

The **LNE-30 Dual Bend** is a flexible LED fixture that offers both high performance and affordability. Specifically designed a neon replacement, this fixture can bend **horizontally and vertically** around contours or tight curves without risk of damage. Able to provide up to 48 feet of continuous line of light, it's an ideal choice for indoor or outdoor applications where a sleek, smooth surface is desired.



SPECIFICATIONS

POWER CONSUMPTION	3W per Ft.
LUMEN OUTPUT	162 Lumens per Ft. (30K)
CRI	88+
COLOR TEMPERATURE	24K/ 27K/ 30K/ 35K/ 40K/ 45K/ 50K
DIMMING/ CONTROL	MLV, ELV, 0-10V, and TRIAC
MAXIMUM RUN LENGTH	48 Ft.
CUT INTERVALS	Every 2.46 in. (62.5mm)
OPERATING VOLTAGE	24V DC
STORAGE TEMPERATURE	-4°F (-20°C) to 158°F (70°C)
OPERATING TEMPERATURE	-4°F (-20°C) to 140°F (60°C)
BEAM ANGLE	120°
IP RATING	IP67
CERTIFICATIONS	UL Listed
LUMEN MAINTENANCE	50,000 Hrs.

FEATURES

- High color consistency and smooth illumination
- UV Resistant
- Continuous run length up to 48 Ft.
- Bottom, Side and End Feed options
- UL Listed (US and Canada)

LUMENS

CCT	LM/W	LM/ FT.
2400K	43	124
2700K	51	153
3000K	54	162
3500K	56	166
4000K	56	168
4500K	57	168
5000K	57	168

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



MODEL	COLOR TEMP	VOLTAGE	LENGTH	POWER FEED	FEED LENGTH
LNE30-DB	24K 2400K	24 24V DC	Please refer to page 4 for exact cutting lengths.	BF Bottom Feed	HW3 3 Ft. Power Feed
	27K 2700K			SFL Side Feed Left	HW10 10 Ft. Power Feed
	30K 3000K			SFR Side Feed Right	HW15 15 Ft. Power Feed
	35K 3500K			EF End Feed	HW30 30 Ft. Power Feed
	40K 4000K				HW50 50 Ft. Power Feed
	45K 4500K				
	50K 5000K				

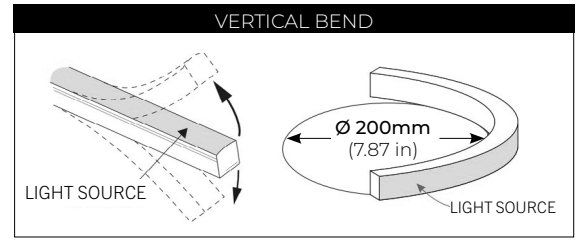
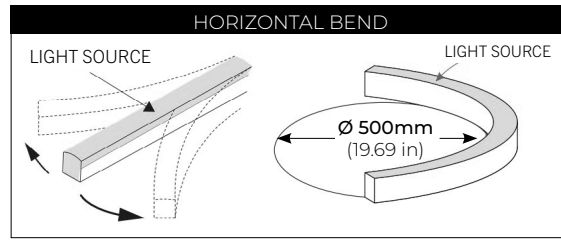
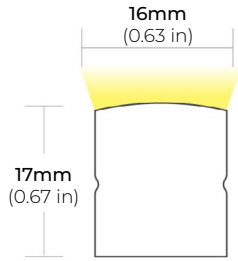
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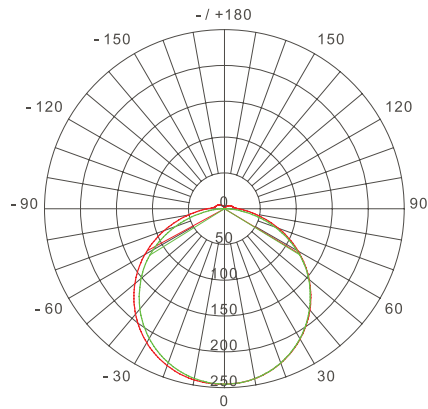
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DIMENSIONS



LIGHT DISTRIBUTION



Unit: cd

— C 0 /180,120.2°

— C 90/270,116.3°

AVERAGE BEAM ANGLE (50%): 118.3°
* TESTED AT 4000K

COMPATIBLE ACCESSORIES

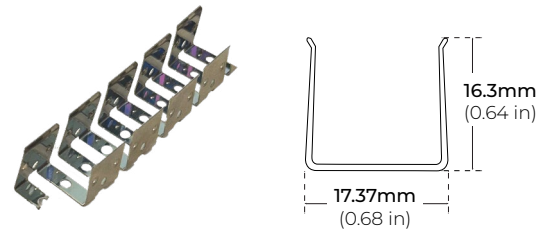
SELF LOCKING ALUMINUM PROFILE

LNE-AC39
39" PROFILE



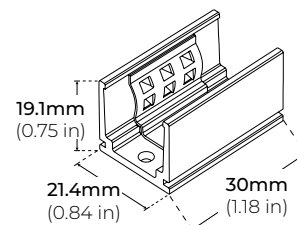
FLEXIBLE DUAL BEND ALUMINUM CHANNEL

LNE30-AFX
39" CHANNEL



MOUNTING ACCESSORIES

LNE30-AC2
MOUNTING CLIP



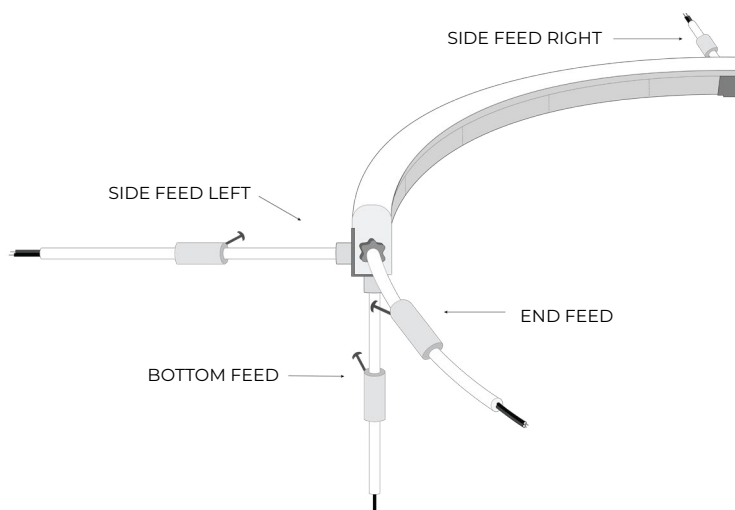
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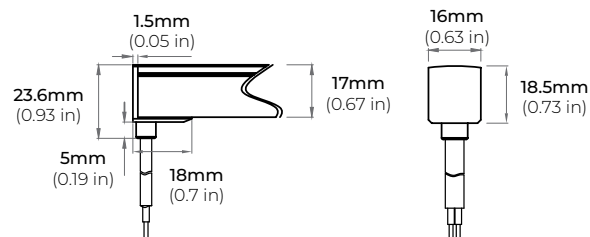
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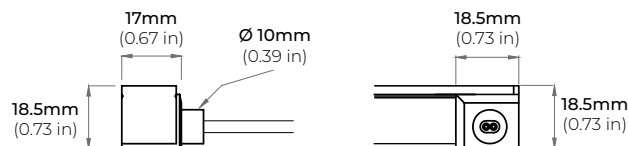
POWER FEEDS



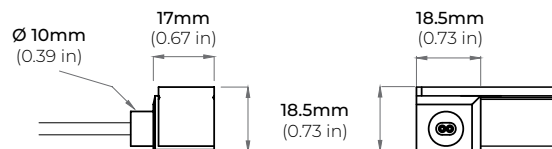
BF
BOTTOM FEED



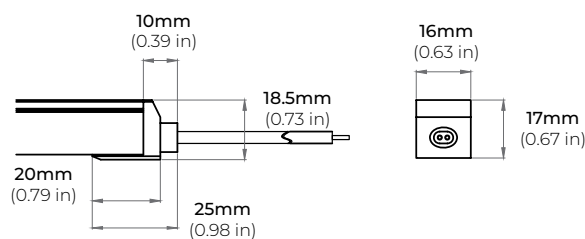
SFL
SIDE LEFT FEED



SFR
SIDE RIGHT FEED



EF
END FEED



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CUTTING LENGTH CODES

LNE-30 Dual Bend 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 = LNE Neon Series Length + End Feed option Length

Example: 38.43" Total Length = LNE Neon Series (36.9") + (1.53") End Feed

POWER FEED OPTION	LENGTH
END FEED	1.53 INCHES

* Minimum Run Length is 2.46"

CUTTING LENGTH INCREMENT TABLE

LENGTH (IN)	LENGTH (IN)	LENGTH (IN)	LENGTH (IN)	LENGTH (IN)	LENGTH (IN)
2.46	100.86	199.26	297.66	396.06	494.46
4.92	103.32	201.72	300.12	398.52	496.92
7.38	105.78	204.18	302.58	400.98	499.38
9.84	108.24	206.64	305.04	403.44	501.84
12.3	110.7	209.1	307.5	405.9	504.3
14.76	113.16	211.56	309.96	408.36	506.76
17.22	115.62	214.02	312.42	410.82	509.22
19.68	118.08	216.48	314.88	413.28	511.68
22.14	120.54	218.94	317.34	415.74	514.14
24.6	123	221.4	319.8	418.2	516.6
27.06	125.46	223.86	322.26	420.66	519.06
29.52	127.92	226.32	324.72	423.12	521.52
31.98	130.38	228.78	327.18	425.58	523.98
34.44	132.84	231.24	329.64	428.04	526.44
36.9	135.3	233.7	332.1	430.5	528.9
39.36	137.76	236.16	334.56	432.96	531.36
41.82	140.22	238.62	337.02	435.42	533.82
44.28	142.68	241.08	339.48	437.88	536.28
46.74	145.14	243.54	341.94	440.34	538.74
49.2	147.6	246	344.4	442.8	541.2
51.66	150.06	248.46	346.86	445.26	543.66
54.12	152.52	250.92	349.32	447.72	546.12
56.58	154.98	253.38	351.78	450.18	548.58
59.04	157.44	255.84	354.24	452.64	551.04
61.5	159.9	258.3	356.7	455.1	553.5
63.96	162.36	260.76	359.16	457.56	555.96
66.42	164.82	263.22	361.62	460.02	558.42
68.88	167.28	265.68	364.08	462.48	560.88
71.34	169.74	268.14	366.54	464.94	563.34
73.8	172.2	270.6	369	467.4	565.8
76.26	174.66	273.06	371.46	469.86	568.26
78.72	177.12	275.52	373.92	472.32	570.72
81.18	179.58	277.98	376.38	474.78	573.18
83.64	182.04	280.44	378.84	477.24	575.64
86.1	184.5	282.9	381.3	479.7	
88.56	186.96	285.36	383.76	482.16	
91.02	189.42	287.82	386.22	484.62	
93.48	191.88	290.28	388.68	487.08	
95.94	194.34	292.74	391.14	489.54	
98.4	196.8	295.2	393.6	492	

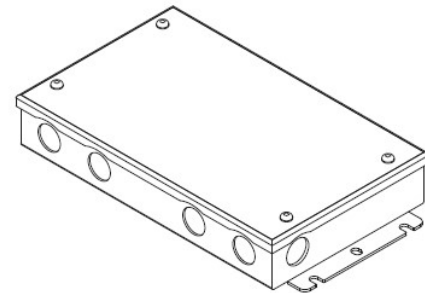
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COMPATIBLE TRANSFORMERS

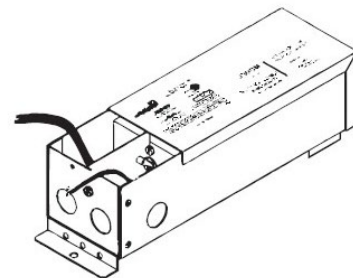
PSDL SERIES TRIAC DIMMABLE

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"



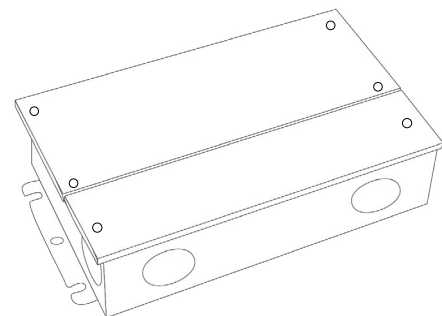
PSDH SERIES HIGH PERFORMANCE MAGNETIC LOW VOLTAGE (MLV)

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"



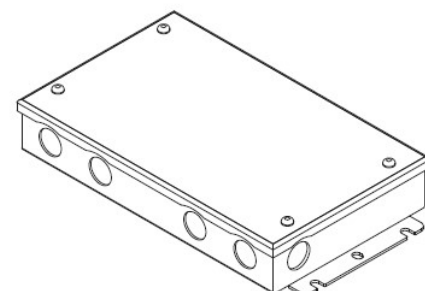
PSRX SERIES 4-IN-1 DIMMING DRIVER

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"



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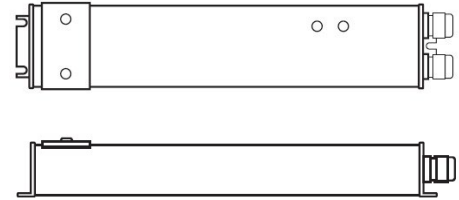
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COMPATIBLE TRANSFORMERS

PSDE SERIES

0-10V DIMMING W/ JUNCTION BOX

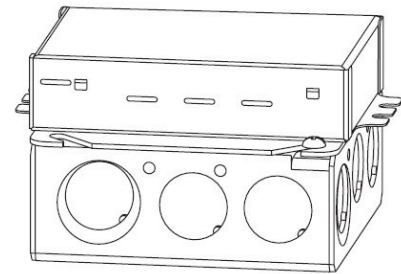
PSDE-60W-24V-010-JB	CLASS 2	12.1" X 2.36" X 1.4"
PSDE-96W-24-010-JB	CLASS 2	12.1" X 2.36" X 1.4"



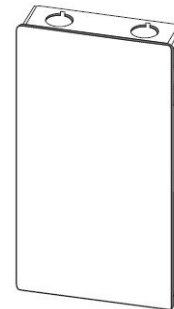
LUTRON 1%

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"

