

LINIO NEON 1617 Tunable White

Outdoor · Vertical Bending · Horizontal Bending · 3D Bending

Features

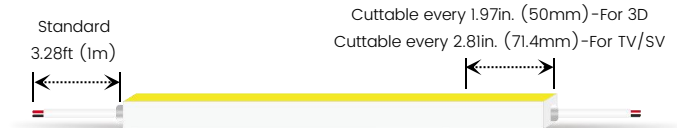
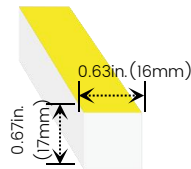
- Robust & uniform silicone body, tunable white from 2700K to 5300K
- IP67 rated, ideal for outdoor uses
- 5 years warranty

Applications

Hotels, facades, gardens, parks, balconies, roofs, soffits, etc.



Dimensions (Vertical Bending · Horizontal Bending · 3D Bending)

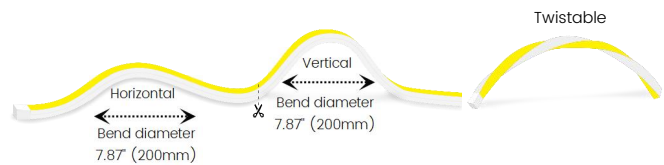
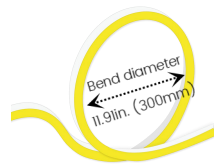
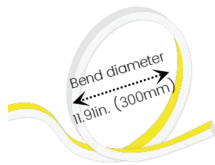


Bending Directions & Diameters

TV - Top View (Vertical Bending)

SV - Side View (Horizontal Bending)

3D (In Any Direction-Twistable)



*Horizontal bending and 3D bending are prohibited.

*Vertical bending and 3D bending are prohibited.

Order Code

Assembly Builder

Model	Environment	Voltage	CCT	Power	End Cap	Left Feed Entry
LNI617TV	W7-Wet (IP67)	24-DC24V	2753-2700K+5300K	396-3.96W/ft	IJ Injected (IP67)	F Front
LNI617SV			2740-2700K+4000K	293-2.93W/ft	IJC Clear injected (IP67)	B Bottom
LNI6173D					SEC Silicone (IP67)	S Side
					MEC Mechanical with screws (IP67)	C Closed
						J Jumper
			*LNI617TV/LNI617SV: 2700K+3500K only. LNI6173D: 2700K+4000K only.	*LNI617TV/LNI617SV: 3.96W/ft only. LNI6173D: 2.93W/ft only.	*Injected and clear injected end cap are factory-made only.	*Jumper feed entry must be used in conjunction for wire-in and wire-out directions.

Assembly Builder

Right Feed Entry	Illuminated Length
F Front	Max. 49.2ft (15m)
B Bottom	*For SEC end cap 25.3ft (7.7m)
S Side	
C Closed	Increment 2.81in (71.4mm)
J Jumper	

*Jumper feed entry must be used in conjunction for wire-in and wire-out directions.

*Production length = Illuminated length + End cap extension length (refer to below page for extension length of each end cap)

Mounting Order Code

Product Code
Please select on the Mounting Options page.

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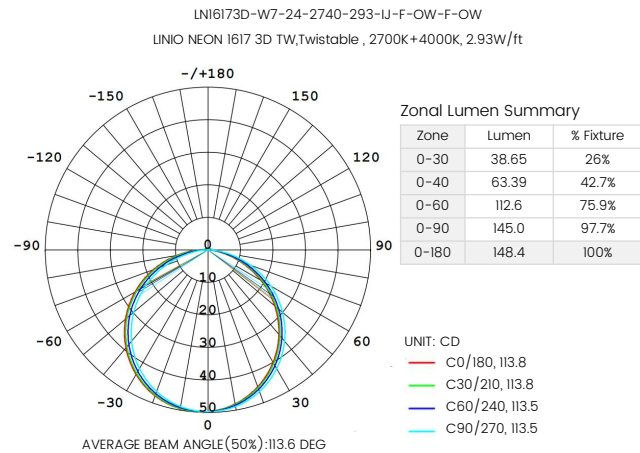
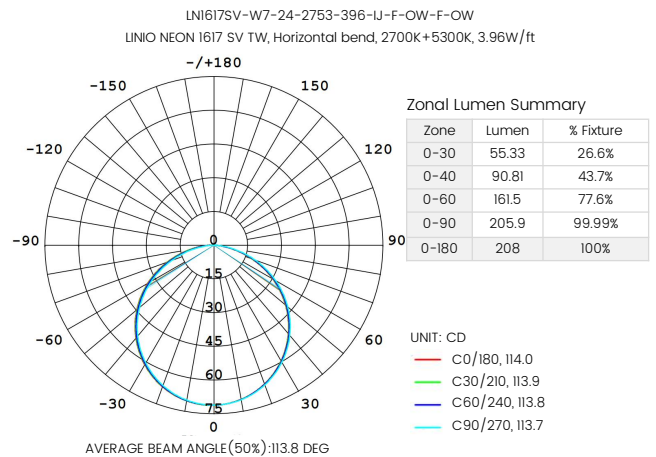
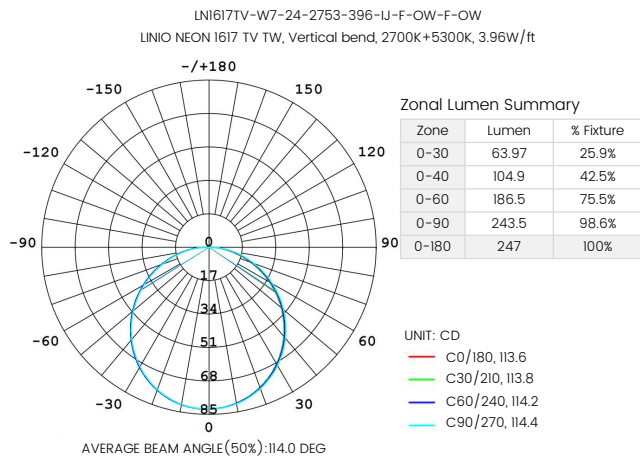
Lumen Output (lm/ft)

Temp./Color	Vertical Bending	Horizontal Bending	3D Bending
	3.96W/ft	3.96W/ft	2.93W/ft
2700K	123	104	/
3500K	124	105	/
2700K+5300K	247	208	/
2700K	/	/	135
4000K	/	/	141
2700K+4000K	/	/	141
Max. Run for Class 2*	19.4ft (5m)		
Max. Run Supported Length	49.2ft (15m)		
*Typically installations in USA and Canada comply with Class 2 requirements.			

Technical Details

	Vertical Bending	Horizontal Bending
Efficacy	62.4lm/W @2700K+5300K 3.96W	52.5lm/W @2700K+5300K 3.96W
CRI		Ra≥90
Beam Angle		110°
LED MacAdam		2 steps
IK Rating	IK10	IK10 (With Aluminium Profile)
Average Life (L70)		>54000 hours
Storage Temperature		-40~140°F (-40°C~ 60°C)
Operating Temperature		-40~113°F (-40°C~ 45°C)

Photometry



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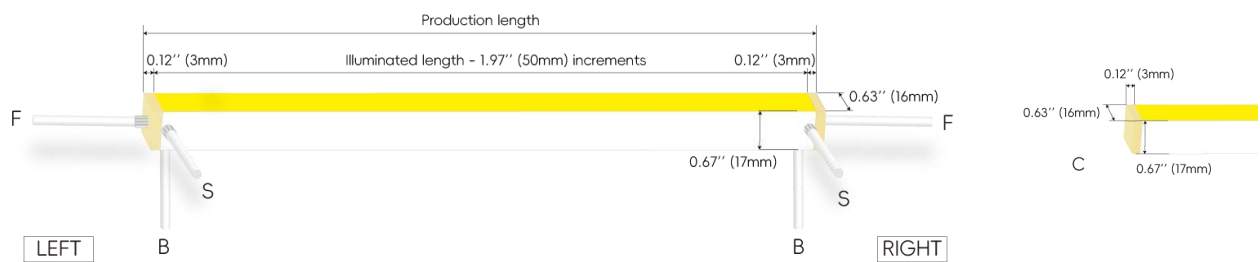
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Feed Entry / End Cap Options

IJ: Injected end cap – IP67, factory-made only



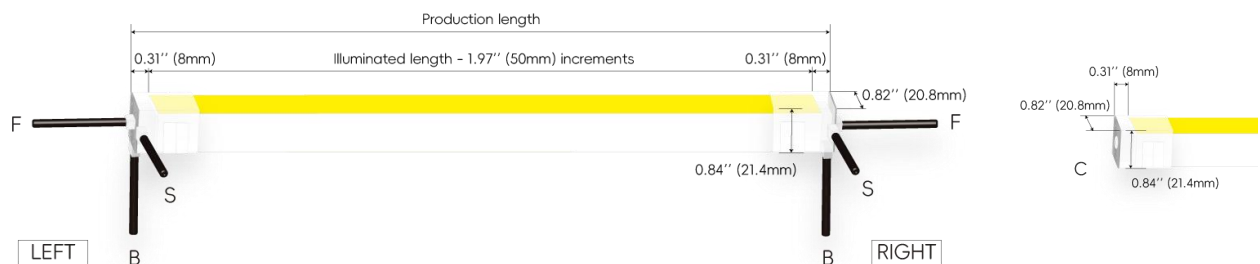
IJC: Clear injected end cap – IP67, factory-made only



SEC: Silicone end cap – IP67



MEC: Mechanical end cap with screws – IP67



Connector Wire Options



OW: Open wire, **Dry only**
Standard 3.28ft (1m), 18 AWG (wire length customizable)



MC: Male connector, **Wet**
Standard 0.98ft (30cm), 18 AWG

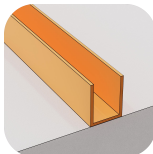
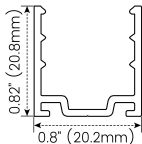
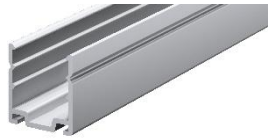


FC: Female connector, **Wet**
Standard 0.98ft (30cm), 18 AWG

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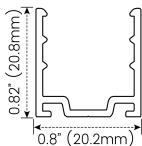
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Mounting Options



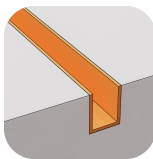
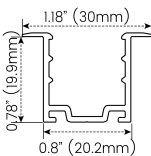
LN1617-SC

Name	Straight surface channel
Material	Aluminum
Standard Length	3.28ft (1M)



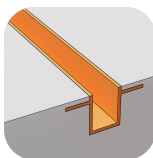
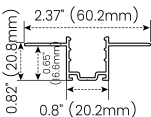
LN1617-BC

Name	Bendable surface channel
Material	Aluminum
Standard Length	3.28ft (1M)



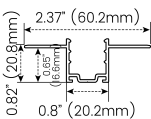
LN1617-RC

Name	Straight recessed channel
Material	Aluminum
Standard Length	3.28ft (1M)



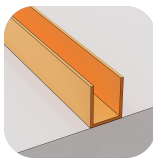
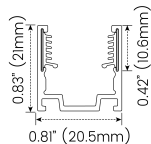
LN1617-MC

Name	Mud-in channel
Material	Aluminum
Standard Length	3.28ft (1M)



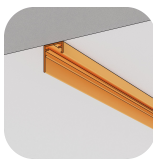
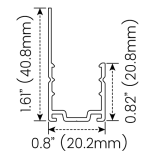
LN1617-BMC

Name	Bendable mud-in channel
Material	Aluminum
Standard Length	3.28ft (1M)



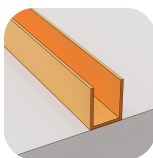
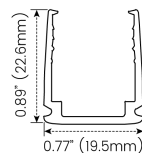
LN1617-SCS

Name	Straight surface channel with silicone groove
Material	Aluminum
Standard Length	3.28ft (1M)



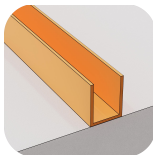
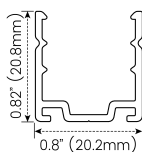
LN1617-LBC

Name	Light-block channel
Material	Aluminum
Standard Length	3.28ft (1M)



LN1617-PC

Name	PC channel
Material	Polycarbonate
Standard Length	3.28ft (1M)

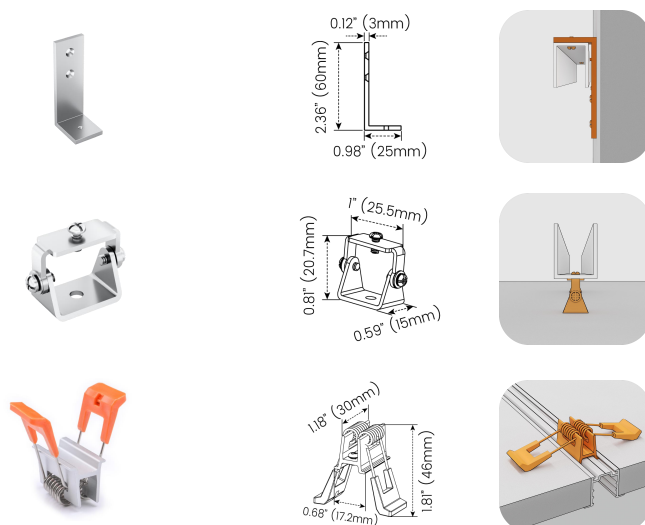


LN1617-CL

Name	Mounting clip
Material	Aluminum
Standard Length	0.98in. (25mm)

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LN1617-LS

Name	L-shaped mounting bracket
Material	Aluminum
Standard Length	0.79in. (20mm)

* LN1617-LS can be installed with aluminum channel LN1617-SC.

LN1617-AC

Name	Adjustable mounting clip
Material	Stainless steel
Standard Length	1 in. (25.5mm)

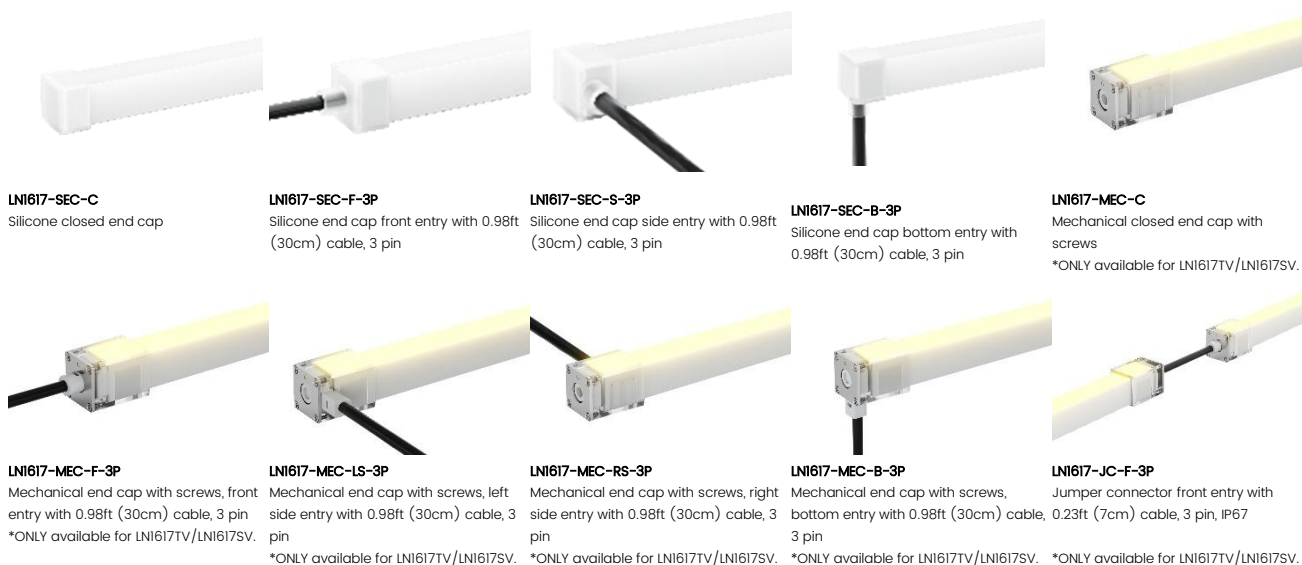
* LN1617-LS can be installed with aluminum channel LN1617-SC.

LN1617-RC-SPC

Name	Spring clip
Standard Pkg	1pcs

* LN1617-RC-SPC must be installed with aluminum channel LN1617-RC.

End Caps (Optional, purchase for extra)



Additional Accessories (Optional, purchase for extra)



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Drivers

0-10V Dimmable

Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
LM-100-24-U2A2	100W	100-277VAC	24V	Yes	No	Dry	13.86 x 1.69 x 1.18in. (35.2 x 4.3 x 3cm)

Wiring Diagram



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24V Voltage Drop & Maximum Wire Length Chart

Based on 24V voltage with a 3% voltage drop allowance. Indicates the maximum wire length from the power supply to the start of the run.

Total load	10 AWG	12 AWG	14 AWG	16 AWG	18 AWG	20 AWG	22 AWG
5W / 0.2A	1730 ft (527.3 m)	784 ft (238.9 m)	397 ft (121.0 m)	263 ft (80.2 m)	175 ft (53.3 m)	131 ft (39.9 m)	107 ft (32.6 m)
10W / 0.4A	865 ft (263.6 m)	392 ft (119.4 m)	199 ft (60.7 m)	132 ft (40.2 m)	88 ft (26.8 m)	66 ft (20.1 m)	54 ft (16.5 m)
15W / 0.6A	577 ft (175.9 m)	261 ft (79.6 m)	132 ft (40.2 m)	88 ft (26.8 m)	58 ft (17.7 m)	44 ft (13.4 m)	36 ft (11.0 m)
20W / 0.8A	433 ft (132.0 m)	196 ft (59.7 m)	99 ft (30.2 m)	66 ft (20.1 m)	44 ft (13.4 m)	33 ft (10.1 m)	27 ft (8.2 m)
25W / 1.0A	346 ft (105.5 m)	157 ft (47.9 m)	79 ft (24.1 m)	53 ft (16.2 m)	35 ft (10.7 m)	26 ft (7.9 m)	22 ft (6.7 m)
30W / 1.3A	289 ft (88.1 m)	131 ft (39.9 m)	66 ft (20.1 m)	44 ft (13.4 m)	29 ft (8.8 m)	22 ft (6.7 m)	18 ft (5.5 m)
35W / 1.5A	248 ft (75.6 m)	112 ft (34.1 m)	57 ft (17.4 m)	38 ft (11.6 m)	25 ft (7.6 m)	19 ft (5.8 m)	15 ft (4.6 m)
40W / 1.7A	217 ft (66.1 m)	98 ft (29.9 m)	50 ft (15.2 m)	33 ft (10.1 m)	22 ft (6.7 m)	16 ft (4.9 m)	13 ft (4.0 m)
45W / 1.9A	192 ft (58.5 m)	87 ft (26.5 m)	44 ft (13.4 m)	29 ft (8.8 m)	19 ft (5.8 m)	14 ft (4.3 m)	12 ft (3.7 m)
50W / 2.1A	173 ft (52.7 m)	78 ft (23.8 m)	40 ft (12.2 m)	26 ft (7.9 m)	18 ft (5.5 m)	13 ft (4.0 m)	11 ft (3.4 m)
55W / 2.3A	157 ft (47.9 m)	71 ft (21.6 m)	36 ft (11.0 m)	24 ft (7.3 m)	16 ft (4.9 m)	12 ft (3.7 m)	10 ft (3.0 m)
60W / 2.5A	144 ft (43.9 m)	65 ft (19.8 m)	33 ft (10.1 m)	22 ft (6.7 m)	15 ft (4.6 m)	11 ft (3.4 m)	9 ft (2.7 m)
65W / 2.7A	133 ft (40.5 m)	60 ft (18.3 m)	30 ft (9.1 m)	20 ft (6.1 m)	14 ft (4.3 m)	10 ft (3.0 m)	8 ft (2.4 m)
70W / 2.9A	124 ft (37.8 m)	56 ft (17.1 m)	28 ft (8.5 m)	19 ft (5.8 m)	13 ft (4.0 m)	10 ft (3.0 m)	8 ft (2.4 m)
75W / 3.1A	116 ft (35.4 m)	52 ft (15.9 m)	26 ft (7.9 m)	17 ft (5.2 m)	12 ft (3.7 m)	9 ft (2.7 m)	7 ft (2.1 m)
80W / 3.3A	109 ft (33.2 m)	49 ft (14.9 m)	25 ft (7.6 m)	16 ft (4.9 m)	11 ft (3.4 m)	8 ft (2.4 m)	7 ft (2.1 m)
85W / 3.5A	103 ft (31.4 m)	46 ft (14.0 m)	23 ft (7.0 m)	15 ft (4.6 m)	10 ft (3.0 m)	8 ft (2.4 m)	6 ft (1.8 m)
90W / 3.8A	97 ft (29.6 m)	44 ft (13.4 m)	22 ft (6.7 m)	15 ft (4.6 m)	10 ft (3.0 m)	7 ft (2.1 m)	6 ft (1.8 m)
96W / 4.0A	91 ft (27.7 m)	41 ft (12.5 m)	21 ft (6.4 m)	14 ft (4.3 m)	9 ft (2.7 m)	7 ft (2.1 m)	6 ft (1.8 m)