LINIO NEON 1617 SV TW

Outdoor · Horizontal Bending · Tunable White

Features

- Max run length up to 49.2ft (15m) from single power feed
- Field cuttable & joinable
- Low voltage DC24V
- 200 lumen outputs
- IP67 rated, ideal for indoor and outdoor uses
- 5 years warranty

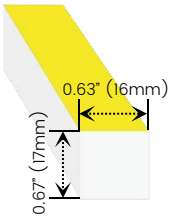
Date

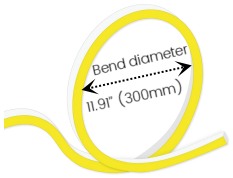
Fixture type

Project name

Project phase

Dimension





Order Code

Series	Environment		Voltage		Temp./Color		Power		
LNI617SV	W7	Wet (IP67)	24	DC24V	2753	2700K+5300K	396	3.96W/ft	~200 lm/ft

Assembly Builder

End Cap[1]		Left Feed Entry[2]			Right Feed Entry[2]			Illuminated Length[3]	
IJ	Injected (IP67)	F Front	OW	Open wire 3.28'	F Front	OW	Open wire 3.28'	Max.	49.2' ~3.96W
IJC	Clear injected (IP67)	B Bottom	MC	Male connector with 0.98' cable	B Bottom	MC	Male connector with 0.98' cable	Increment	2.81"
SEC	Silicone (IP67)	S Side	FC	Female connector with 0.98' cable	S Side	FC	Female connector with 0.98' cable		
MEC1	Mechanical with screws (IP67)	C Closed	NA	Only for Closed Feed Entry	C Closed	NA	Only for Closed Feed Entry		
		J Jumper			J Jumper				

1. Injected and clear injected end cap are factory-made only.
2. Jumper feed entry must be used in conjunction for wire-in and wire-out directions.
3. Production length = Illuminated length + End cap extension length (refer to below page for extension length of each end cap)

Temp./Color	3.96W/ft
2700K	104
5300K	105
2700K+5300K	208
Max. Run for Class 2 Low Voltage (ft)	19.4
Max. Run Length (ft)	49.2
Storage Temperature	-13~140°F
Ambient Temperature	-13~113°F

Technical Details

Efficacy	52.5lm/W @2700K+5300K 3.96W
CRI	Ra≥90
Beam Angle	110°
LED MacAdam	2 steps
Life (L70)	> 102,000 hours
Max. Length Per Reel	98.4' (30M)
Finish	Matte

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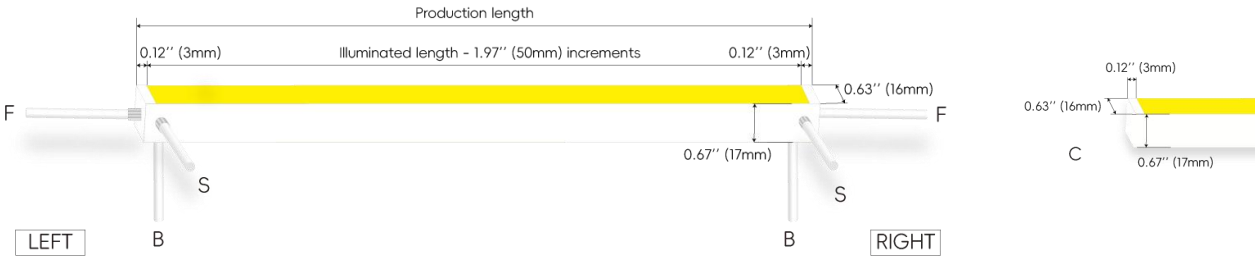
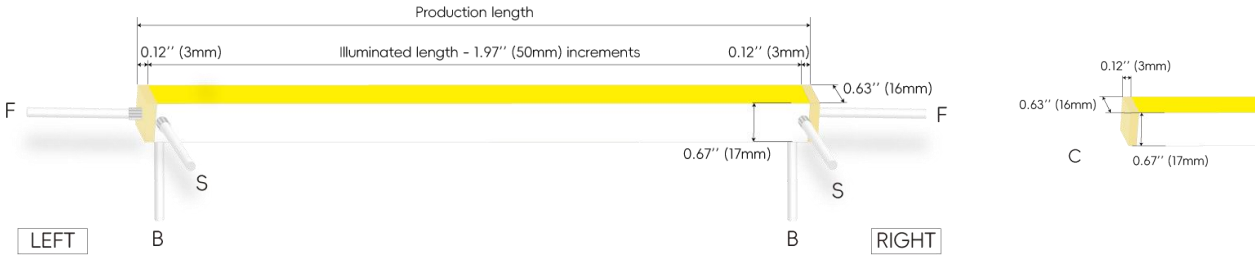
Feed Entry / End Cap Options

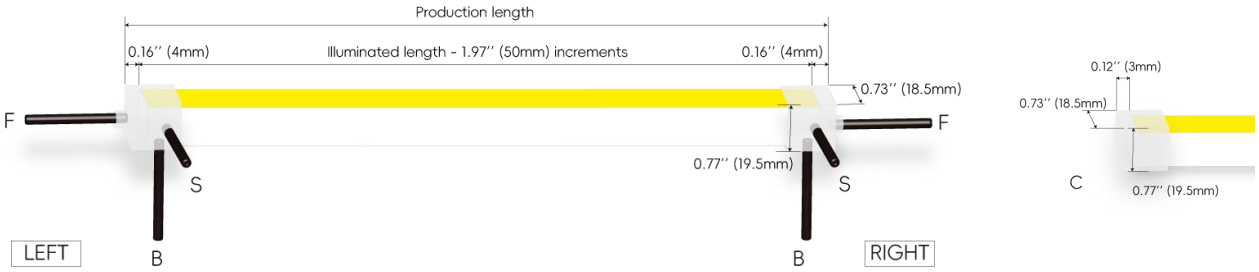
IJ: Injected end cap – IP67, factory-made only



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



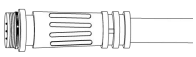
SEC: Silicone end cap – IP67



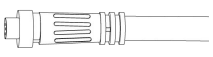
MEC1: Mechanical end cap with screws – IP67

Connector Wire Options

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



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



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

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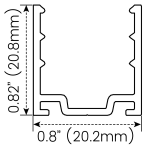
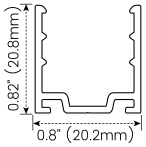
Mounting Options



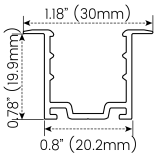
LN1617-SC

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



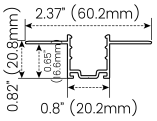
LN1617-BC

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



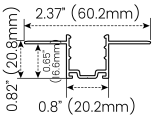
LN1617-RC

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



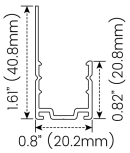
LN1617-MC

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



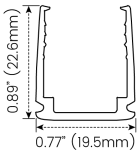
LN1617-BMC

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



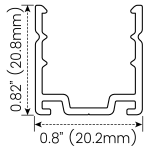
LN1617-LBC

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



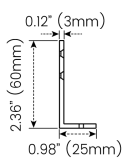
LN1617-PC

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



LN1617-CL

Name	Mounting clip
Material	Aluminum
Standard Length	0.98" (25MM)



LN1617-LS

Name	L-shaped mounting bracket
Material	Aluminum
Standard Length	0.79" (20MM)

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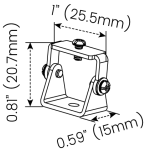


LN1617-AC	
Name	Adjustable mounting clip
Material	Stainless steel
Standard Length	1" (25.5MM)

Drivers

0-10V Dimmable

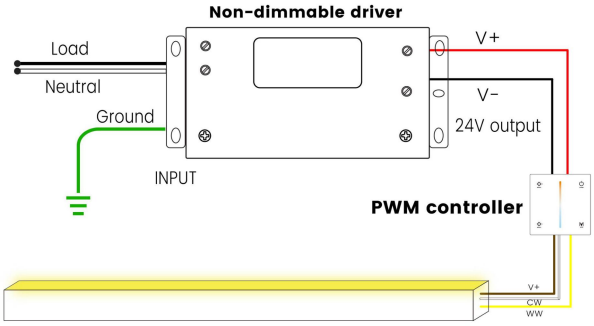
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L *W *H)
LM-100-24-U2A2	100W	100-277VAC	24V	Yes	No	Dry	13.86" *1.69" *1.18"

Non-dimmable

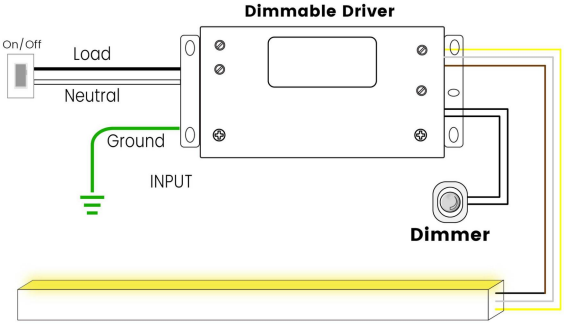
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L *W *H)
KV-24030-ASW	30W	100-277VAC	24V	No	Yes	Dry/Damp	6.10" *2.12" *0.78"
KV-24060-ASW	60W	100-277VAC	24V	No	Yes	Dry/Damp	7.00" *2.40" *0.94"
KV-24096-ASW	96W	100-277VAC	24V	No	Yes	Dry/Damp/Wet	9.05" *2.75" *1.69"
KV-24150-ASW	150W	100-277VAC	24V	No	No	Dry/Damp/Wet	10.07" *3.07" *1.85"
KV-24200-ASW	200W	100-277VAC	24V	No	No	Dry/Damp/Wet	10.07" *3.07" *1.85"
KV-24300-ASW	300W	100-277VAC	24V	No	No	Dry/Damp/Wet	10.86" *3.07" *1.85"

Wiring Diagram

PWM Dimmable



0-10V Dimmable



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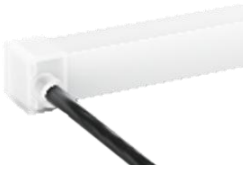
Connectors (Optional, purchase for extra)

LN1617-SEC-C
Silicone closed end cap

LN1617-SEC-F-3P
Silicone end cap front entry with 0.98' (30cm) cable, 3 pin



LN1617-SEC-S-3P
Silicone end cap side entry with 0.98' (30cm) cable, 3 pin

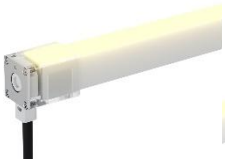
LN1617-SEC-B-3P
Silicone end cap bottom entry with 0.98' (30cm) cable, 3 pin

LN1617-MEC1-C
Mechanical closed end cap with screws

LN1617-MEC1-F-3P
Mechanical end cap with screws, front entry with 0.98' (30cm) cable, 3 pin

LN1617-MEC1-LS-3P
Mechanical end cap with screws, left side entry with 0.98' (30cm) cable, 3 pin

LN1617-MEC1-RS-3P
Mechanical end cap with screws, right side entry with 0.98' (30cm) cable, 3 pin



LN1617-MEC1-B-3P
Mechanical end cap with screws, bottom entry with 0.98' (30cm) cable, 3 pin

LN1617-JC-F-3P
Jumper connector front entry with 0.23' (7cm) cable, 3 pin, IP67

Additional Accessories (Optional, purchase for extra)

MCW-3P-67
Male connector with 0.98' (30cm) white cable, 3 pin, IP67, Wet, 18 AWG

FCW-3P-67
Female connector with 0.98' (30cm) white cable, 3 pin, IP67, Wet, 18 AWG

MCB-3P-67
Male connector with 0.98' (30cm) black cable, 3 pin, IP67, Wet, 18 AWG

FCB-3P-67
Female connector with 0.98' (30cm) black cable, 3 pin, IP67, Wet, 18 AWG