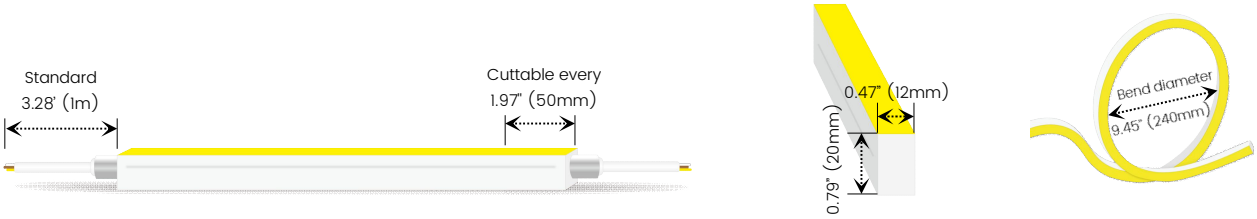
LINIO NEON 1220 SV TW Outdoor · Horizontal Bending · Tunable White

Features

- Max run length up to 16.4ft (5m) from single power feed
- Field cuttable & joinable
- Low voltage DC24V
- 150 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		
LNI220SV	W7	Wet (IP67)	24	DC24V	2753	2700K+5300K	457	4.57W/ft	-150 lm/ft

Assembly Builder

End Cap[1]		Left Feed Entry				Right Feed Entry				Illuminated Length[2]		
IJ	Injected (IP67)	F	Front	OW	Open wire 3.28'	F	Front	OW	Open wire 3.28'	Max.	16.4'	-4.57W
IJC	Clear injected (IP67)	B	Bottom	MC	Male connector with 0.98' cable	B	Bottom	MC	Male connector with 0.98' cable	Increment	1.97"	
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			
MEC3	Mechanical without screws (IP67)											

1. Injected and clear injected end cap are factory-made only.
2. Production length = Illuminated length + End cap extension length (refer to below page for extension length of each end cap)

Temp./Color	4.57W/ft
2700K	76
5300K	73
2700K+5300K	152
Max. Run for Class 2 Low Voltage (ft)	16.4
Max. Run for Mechanical end cap (ft)	16.4
Max. Run Length (ft)	16.4
Storage Temperature	-13~140°F
Ambient Temperature	-13~113°F

Technical Details

Efficacy	33.3lm/W @2700K+5300K 4.57W
CRI	Ra≥80
Beam Angle	120°
LED MacAdam	2 steps
Life (L70)	> 102,000 hours
Max. Length Per Reel	98.4' (30M)
Finish	Matte

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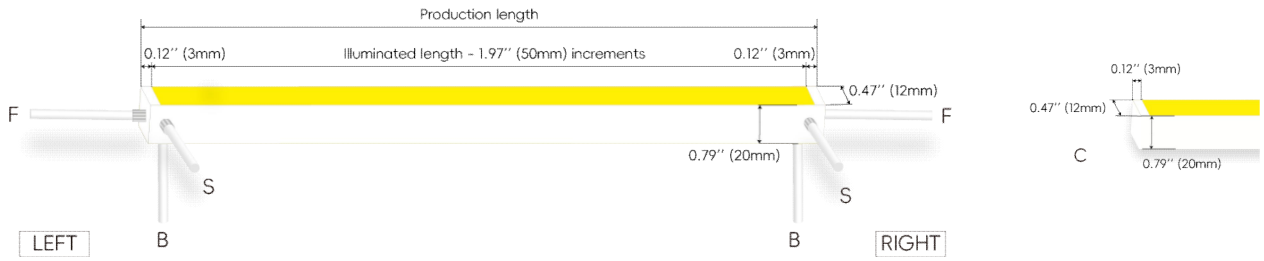
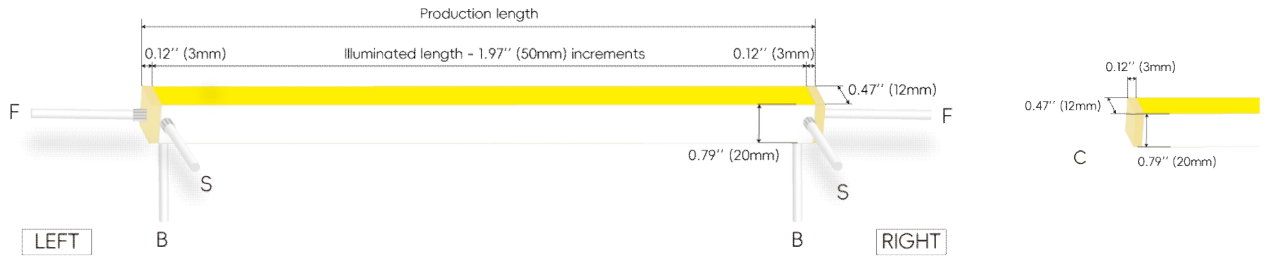
Feed Entry / End Cap Options

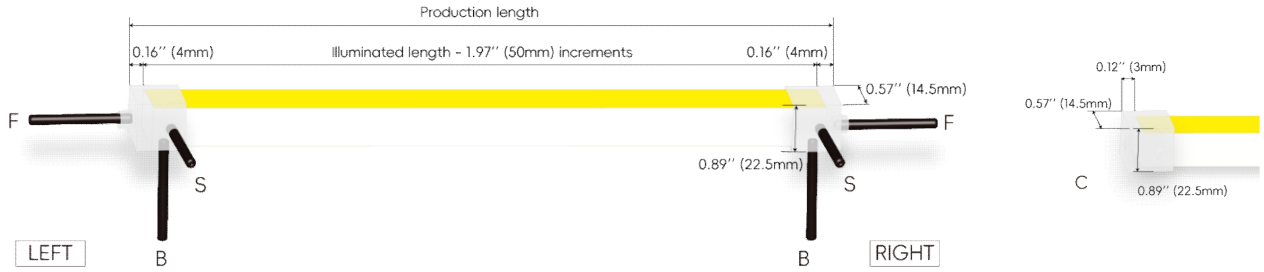
IJ: Injected end cap – IP67, factory-made only



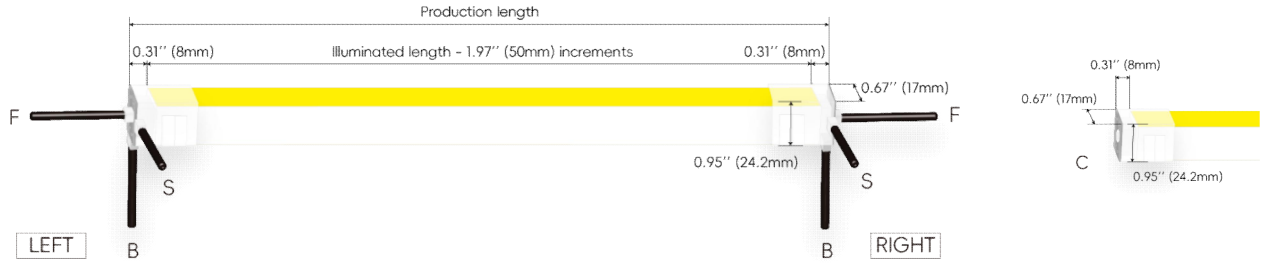
IJC: Clear injected end cap – IP67, factory-made only



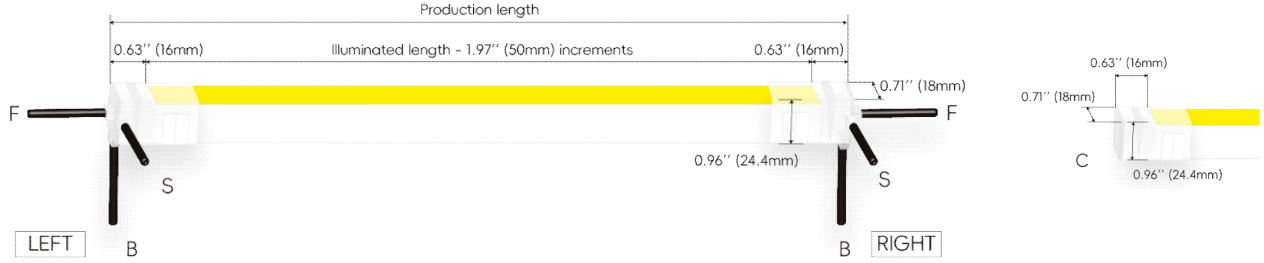
SEC: Silicone end cap – IP67



MEC1: Mechanical end cap with screws – IP67



MEC3: Mechanical end cap without screws – IP67



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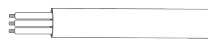
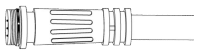
Connector Wire Options



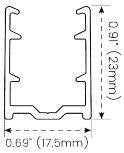
OW: Open wire, **Dry only**
Standard 3.28' (1m), 20 AWG (wire length customizable)



MC: Male connector, **Wet**
Standard 0.98' (30cm), 20 AWG

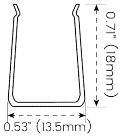
FC: Female connector, **Wet**
Standard 0.98' (30cm), 20 AWG

Mounting Options



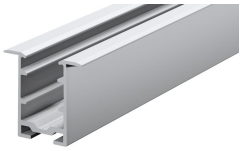
LNI220-SC

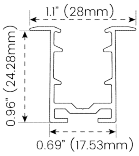
Name	Straight surface channel
Material	Aluminum
Standard Length	3.28' (1M)



LNI220-BC

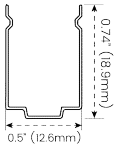
Name	Bendable surface channel
Material	Aluminum
Standard Length	3.28' (1M)





LNI220-RC

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



LNI220-CL

Name	Mounting clip
Material	Stainless Steel
Standard Length	0.79" (20MM)

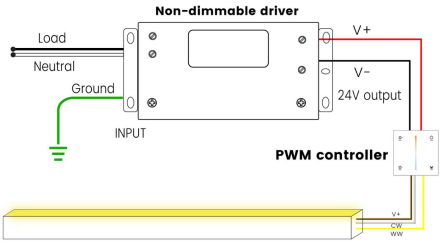
Drivers

0-10V Dimmable

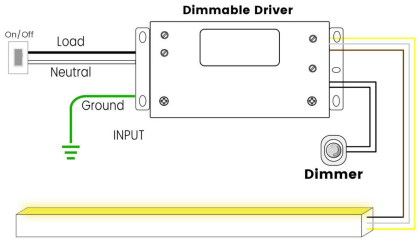
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L *W *H)
LM-100-24-U2A2	100W	100-277VAC	24V	Yes	No	Dry	13.86" *1.69" *1.18"

Wiring Diagram

TW Control System



0-10V Dimmable



Connectors (Optional, purchase for extra)

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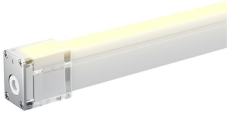
LNI220-SEC-C
Silicone closed end cap

LNI220-SEC-F-3P
Silicone end cap front entry with 0.98' (30cm) cable, 3 pin

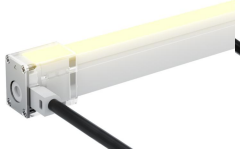
LNI220-SEC-S-3P
Silicone end cap side entry with 0.98' (30cm) cable, 3 pin

LNI220-SEC-B-3P
Silicone end cap bottom entry with 0.98' (30cm) cable, 3 pin

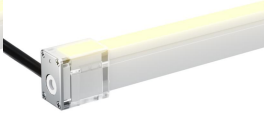


LNI220-MEC1-C
Mechanical closed end cap with screws

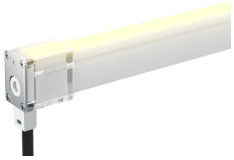
LNI220-MEC1-F-3P
Mechanical end cap with screws, front entry with 0.98' (30cm) cable, 3 pin



LNI220-MEC1-LS-3P
Mechanical end cap with screws, left side entry with 0.98' (30cm) cable, 3 pin



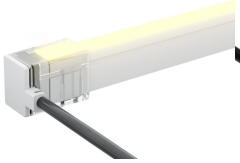
LNI220-MEC1-RS-3P
Mechanical end cap with screws, right side entry with 0.98' (30cm) cable, 3 pin



LNI220-MEC1-B-3P
Mechanical end cap with screws, bottom entry with 0.98' (30cm) cable, 3 pin

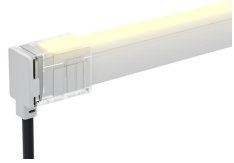
LNI220-MEC3-C
Mechanical closed end cap without screws

LNI220-MEC3-F-3P
Mechanical end cap without screws, front entry with 0.98' (30cm) cable, 3 pin



LNI220-MEC3-LS-3P
Mechanical end cap without screws, left side entry with 0.98' (30cm) cable, 3 pin

LNI220-MEC3-RS-3P
Mechanical end cap without screws, right side entry with 0.98' (30cm) cable, 3 pin



LNI220-MEC3-B-3P
Mechanical end cap without screws, bottom entry with 0.98' (30cm) cable, 3 pin

Additional Accessories (Optional, purchase for extra)

MCW-3P-67
Male connector with 0.98' (30cm) white cable, 3 pin, IP67, Wet, 20 AWG

FCW-3P-67
Female connector with 0.98' (30cm) white cable, 3 pin, IP67, Wet, 20 AWG

MCB-3P-67
Male connector with 0.98' (30cm) black cable, 3 pin, IP67, Wet, 20 AWG

FCB-3P-67
Female connector with 0.98' (30cm) black cable, 3 pin, IP67, Wet, 20 AWG