

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
- 100 lumen outputs
- IP67 rated, ideal for indoor and outdoor uses
- 5 years warranty



Date

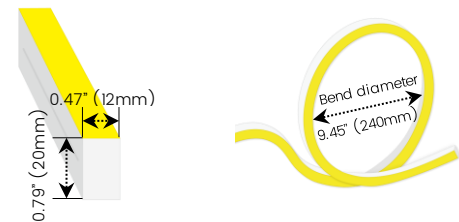
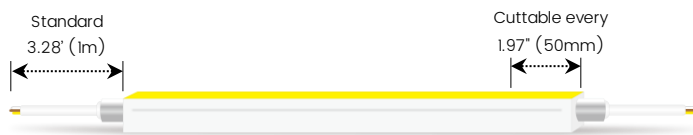
Fixture type

Project name

Project phase



Dimension



Order Code

Series	Environment	Voltage	Temp./Color	Power
LN1220SV	W7 Wet (IP67)	24 DC24V	2753 2700K+5300K	457 4.57W/ft ~100 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

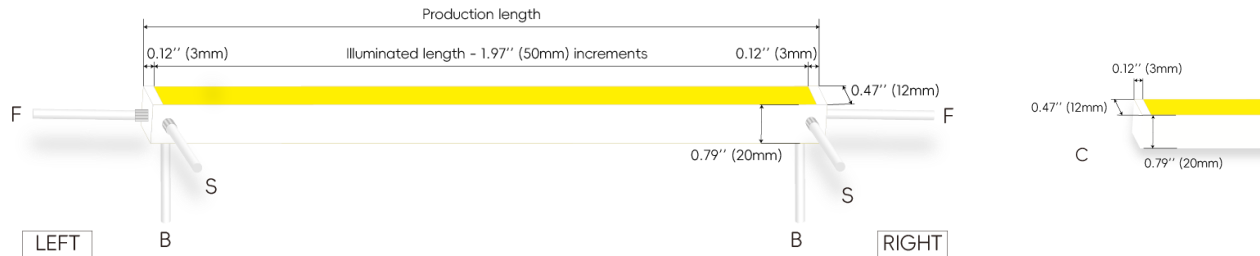
Technical Details

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

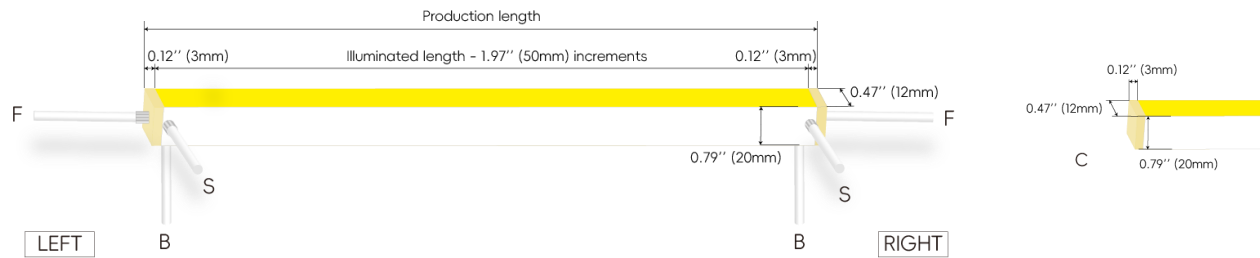
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Feed Entry / End Cap Options

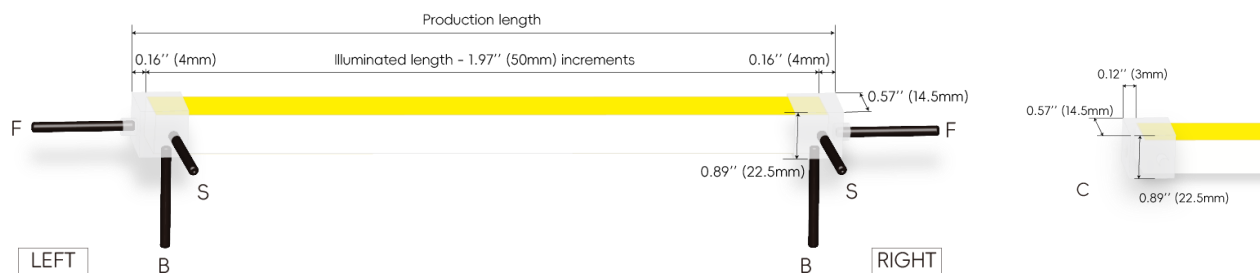
IJ: Injected end cap – IP67, factory-made only



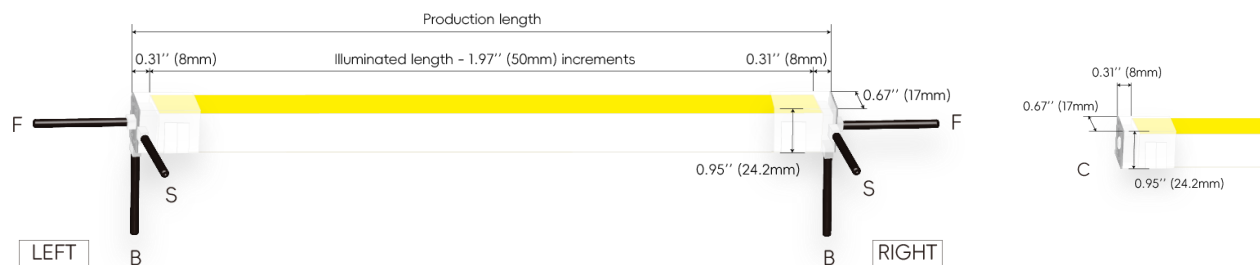
IJC: Clear injected end cap – IP67, factory-made only



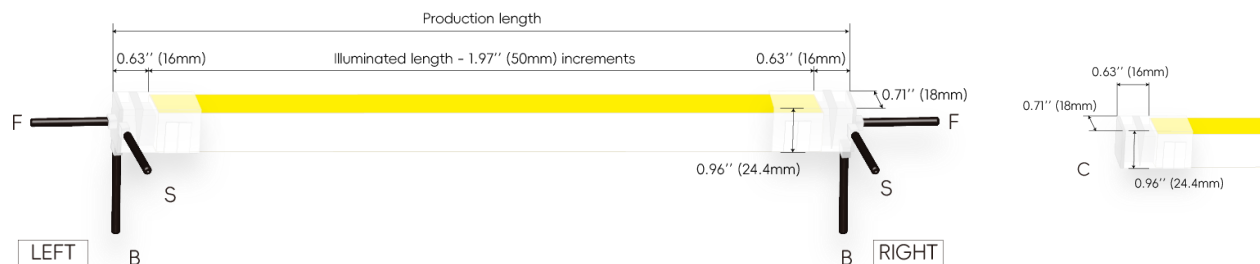
SEC: Silicone end cap – IP67



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)

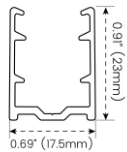


MC: Male connector, **Wet**
Standard 0.98' (30cm), 20 AWG



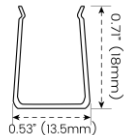
FC: Female connector, **Wet**
Standard 0.98' (30cm), 20 AWG

Mounting Options



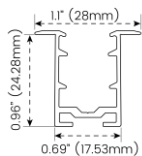
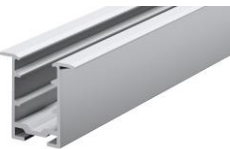
LN1220-SC

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



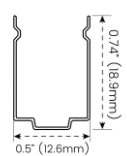
LN1220-BC

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



LN1220-RC

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



LN1220-CL

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

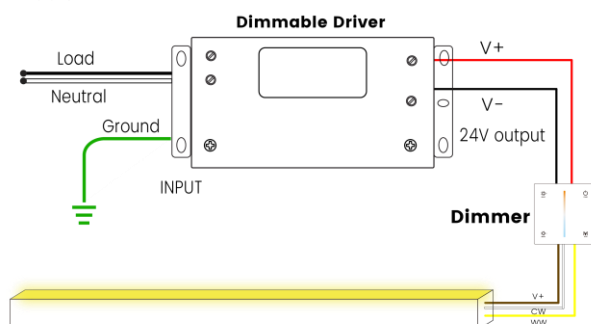
Drivers

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

Dimmable



Connectors (Optional, purchase for extra)

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LIN1220-SEC-C
Silicone closed end cap



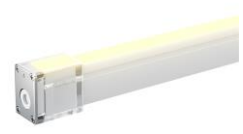
LIN1220-SEC-F-3P
Silicone end cap front entry with 0.98' (30cm) cable, 3 pin



LIN1220-SEC-S-3P
Silicone end cap side entry with 0.98' (30cm) cable, 3 pin



LIN1220-SEC-B-3P
Silicone end cap bottom entry with 0.98' (30cm) cable, 3 pin



LIN1220-MEC1-C
Mechanical closed end cap with screws



LIN1220-MEC1-F-3P
Mechanical end cap with screws, front entry with 0.98' (30cm) cable, 3 pin



LIN1220-MEC1-LS-3P
Mechanical end cap with screws, left side entry with 0.98' (30cm) cable, 3 pin



LIN1220-MEC1-RS-3P
Mechanical end cap with screws, right side entry with 0.98' (30cm) cable, 3 pin



LIN1220-MEC1-B-3P
Mechanical end cap with screws, bottom entry with 0.98' (30cm) cable, 3 pin



LIN1220-MEC3-C
Mechanical closed end cap without screws



LIN1220-MEC3-F-3P
Mechanical end cap without screws, front entry with 0.98' (30cm) cable, 3 pin



LIN1220-MEC3-LS-3P
Mechanical end cap without screws, left side entry with 0.98' (30cm) cable, 3 pin



LIN1220-MEC3-RS-3P
Mechanical end cap without screws, right side entry with 0.98' (30cm) cable, 3 pin



LIN1220-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