

LINIO NEON 1617 SV

Outdoor · Horizontal Bending · Static White

Features

- Max run length up to 91.8ft (28m) from single power feed
- Field cuttable & joinable
- Low voltage DC24V
- 100-300 lumen outputs
- IP67 rated, ideal for indoor and outdoor uses
- 5 years warranty



Date

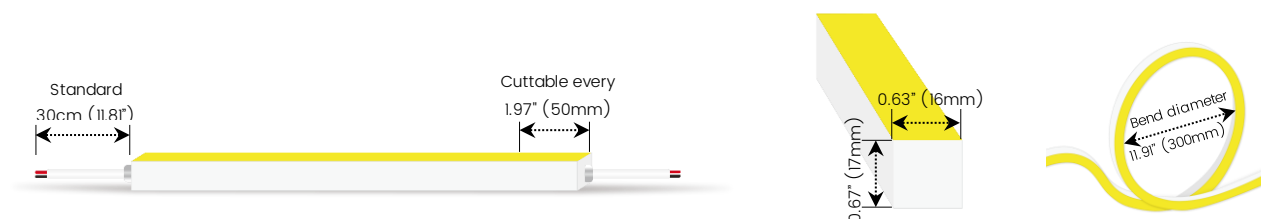
Fixture type

Project name

Project phase



Dimension



Order Code

Series	Environment	Voltage	Temp./Color	Power
LN1617SV	W7	Wet (IP67)	24	DC24V
			22	2200K
			27	2700K
			30	3000K
			35	3500K
			40	4000K
			53	5300K
			146	1.46W/ft
			293	2.93W/ft
			439	4.39W/ft
				~100 lm/ft
				~100 lm/ft
				~300 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. 91.8' -1.46W
IJC Clear injected (IP67)	B Bottom MC Male connector with 0.98' cable	B Bottom MC Male connector with 0.98' cable	65.6' -2.93W
SEC Silicone (IP67)	S Side FC Female connector with 0.98' cable	S Side FC Female connector with 0.98' cable	49.2' -4.39W
MEC1 Mechanical with screws (IP67)	C Closed NA Only for Closed Feed Entry	C Closed NA Only for Closed Feed Entry	Increment 1.97'
	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	1.46W/ft	2.93W/ft	4.39W/ft
2200K	84	141	244
2700K	92	155	258
3000K	99	166	277
3500K	102	171	283
4000K	99	166	277
5300K	92	155	294
Max. Run for Class 2 Low Voltage (ft)	52.6	26.2	17.5
Max. Run Length (ft)	91.8	65.6	49.2
Storage Temperature	-13-140°F	-13-140°F	-13-140°F
Ambient Temperature	-13-131°F	-13-113°F	-13-113°F

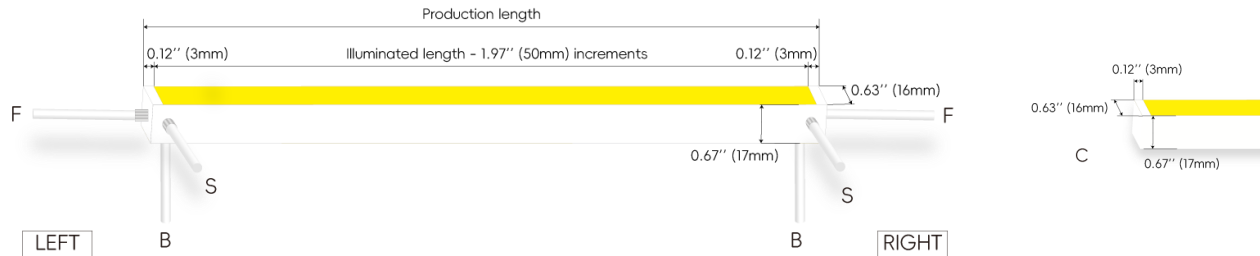
Technical Details

Efficacy	56.7lm/W @4000K 2.93W
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

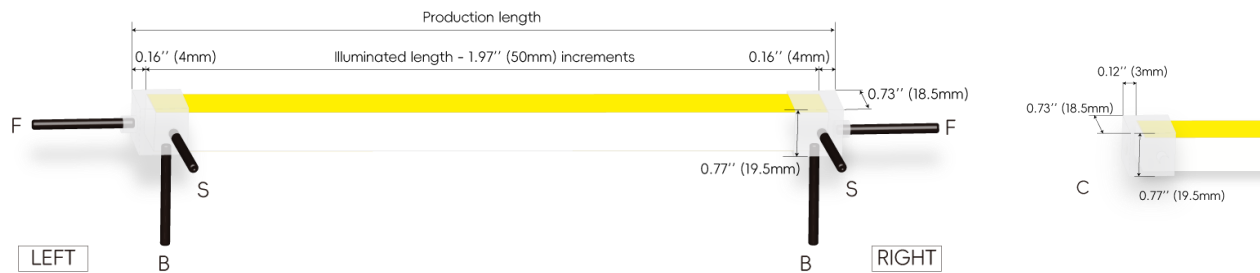
IJ: Injected end cap – IP67, factory-made only



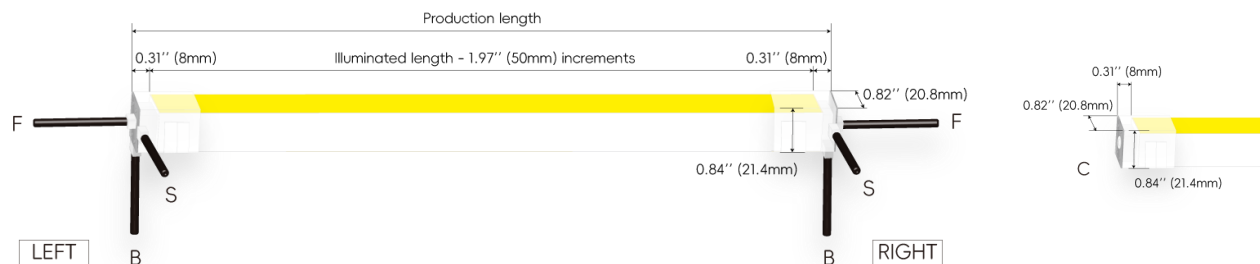
IJC: Clear injected end cap – IP67, factory-made only



SEC: Silicone end cap – IP67



MEC: Mechanical end cap with screws – IP67



Connector Wire Options



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



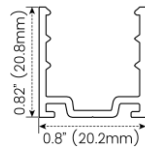
MC: Male connector, **Wet**
Standard 0.98' (30cm), 18 AWG



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

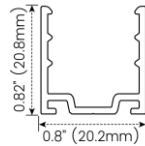
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Mounting Options



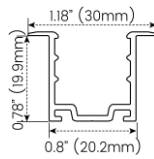
LN1617-SC

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



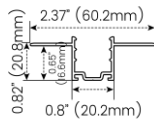
LN1617-BC

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



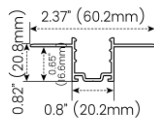
LN1617-RC

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



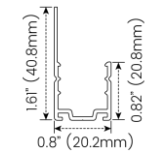
LN1617-MC

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



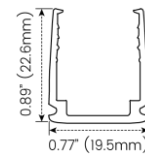
LN1617-BMC

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



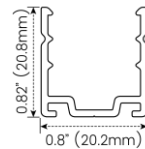
LN1617-LBC

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



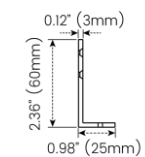
LN1617-PC

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	r (25.5MM)

Drivers

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\"

Phase cut/Triac-dimmable

Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L *W *H)
KVF-24030-TDW	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10\" *2.12\" *0.78\"
KVF-24060-TDW	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.00\" *2.40\" *0.94\"
KVF-24096-TDW	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.05\" *2.75\" *1.69\"
KVF-24150-TDW	150W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.00\" *3.07\" *1.85\"
KVF-24200-TDW	200W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.00\" *3.07\" *1.85\"
KVF-24300-TDW	300W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.87\" *3.07\" *1.85\"

4 in 1-dimmable (0-10V/1-10V/Potentiometer/10V PWM)

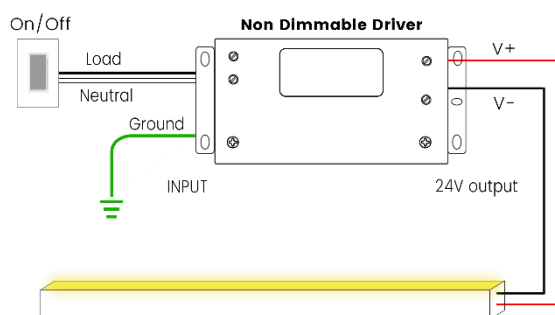
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L *W *H)
KVD-24030-DIM	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10\" *2.12\" *0.78\"
KVD-24060-DIM	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.01\" *2.41\" *0.94\"
KVD-24096-DIM	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.05\" *2.75\" *1.69\"
KVD-24150-DIM	150W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.08\" *3.07\" *1.85\"
KVD-24200-DIM	200W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	13.38\" *11.02\" *7.28\"
KVD-24300-DIM	300W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.87\" *3.07\" *1.89\"

5 in 1-dimmable (Triac/0-10V/1-10V/Potentiometer/10V PWM)

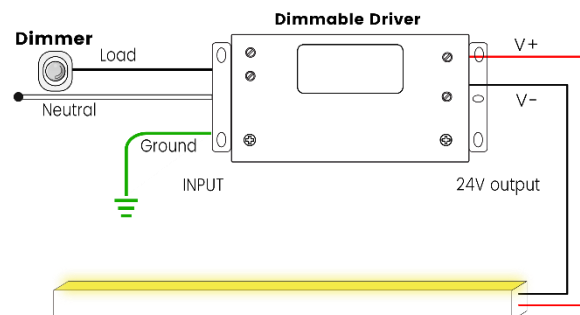
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L *W *H)
KVG-24030-DW	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10\" *2.13\" *0.79\"
KVG-24060-DW	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.01\" *2.41\" *0.94\"
KVG-24096-DW	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.06\" *2.76\" *1.69\"
KVG-24150-DW	150W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.08\" *3.07\" *1.85\"
KVG-24200-DW	200W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.08\" *3.07\" *1.85\"
KVG-24300-DW	300W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.87\" *3.07\" *1.89\"

Wiring Diagram

Non-dimmable



Dimmable



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Connectors (Optional, purchase for extra)



LN1617-SEC-C
Silicone closed end cap



LN1617-SEC-F-2P
Silicone end cap front entry with 0.98' (30cm) cable, 2 pin



LN1617-SEC-S-2P
Silicone end cap side entry with 0.98' (30cm) cable, 2 pin



LN1617-SEC-B-2P
Silicone end cap bottom entry with 0.98' (30cm) cable, 2 pin



LN1617-MEC1-C
Mechanical closed end cap with screws



LN1617-MEC1-F-2P
Mechanical end cap with screws, front entry with 0.98' (30cm) cable, 2 pin



LN1617-MEC1-LS-2P
Mechanical end cap with screws, left side entry with 0.98' (30cm) cable, 2 pin



LN1617-MEC1-RS-2P
Mechanical end cap with screws, right side entry with 0.98' (30cm) cable, 2 pin



LN1617-MEC1-B-2P
Mechanical end cap with screws, bottom entry with 0.98' (30cm) cable, 2 pin



LN1617-JC-F-2P
Jumper connector front entry with 0.23' (7cm) cable, 2 pin, IP67

Additional Accessories (Optional, purchase for extra)



MCW-2P-67
Male connector with 0.98' (30cm) white cable, 2 pin, IP67, Wet, 18 AWG



FCW-2P-67
Female connector with 0.98' (30cm) white cable, 2 pin, IP67, Wet, 18 AWG



MCB-2P-67
Male connector with 0.98' (30cm) black cable, 2 pin, IP67, Wet, 18 AWG



FCB-2P-67
Female connector with 0.98' (30cm) black cable, 2 pin, IP67, Wet, 18 AWG