

LINIO NEON 1617 3D

Outdoor · Twistable · Static White

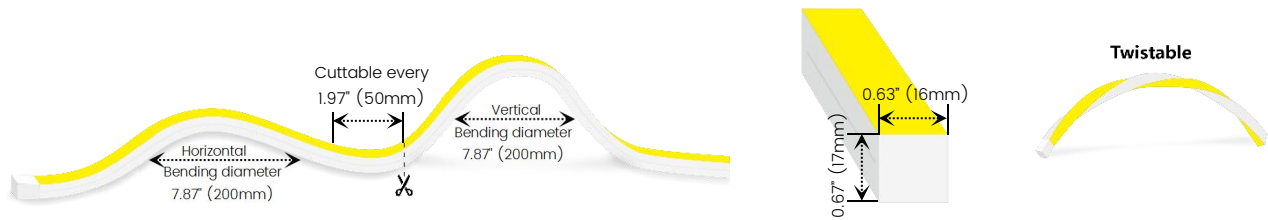
Features

- Twistable, create unique 3D designs
- Field cuttable & joinable
- Low voltage DC24V
- 150 lumen outputs
- IP67 rated, ideal for indoor and outdoor uses
- IK 08 rated



Date	Fixture type
Project name	Project phase

Dimension



Order Code

Series	Environment	Voltage	Temp./Color	Power		
LN16173D	W7	Wet (IP67)	24	DC24V	22	
					27	
					30	
					35	
					40	
					53	
					293	2.93W/ft (150 lumen outputs)

Assembly Builder

End Cap	Left Feed Entry	Right Feed Entry	Illuminated Length
IJ Injected (IP67)	F Front OW Open wire 11.81"	F Front OW Open wire 11.81"	Max. 23ft @2.93W
SEC Silicone (IP67)	B Bottom MCW White male connector with 11.81" cable	B Bottom MCW White male connector with 11.81" cable	Increment 1.97"
	S Side FCW White female connector with 11.81" cable	S Side FCW White female connector with 11.81" cable	
	C Closed NA Only for Closed Feed Entry	C Closed NA Only for Closed Feed Entry	

Temp./Color	2.93W/ft
2200K	149
2700K	155
3000K	162
3500K	165
4000K	165
5300K	165
Max. Run Length (ft)	23
Storage Temperature	-40-140°F
Ambient Temperature	-40-113°F

Technical Details

Efficacy	55lm/W @3000K
CRI	RA ≥ 90
Beam Angle	120°
LED MacAdam	2 steps
Max. Length Per Reel	32.8ft
Finish	Matte

Connector Wire Options



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

MCW: White male connector, **Wet**
Standard 0.98' (30cm), 20 AWG

FCW: White female connector, **Wet**
Standard 0.98' (30cm), 20 AWG

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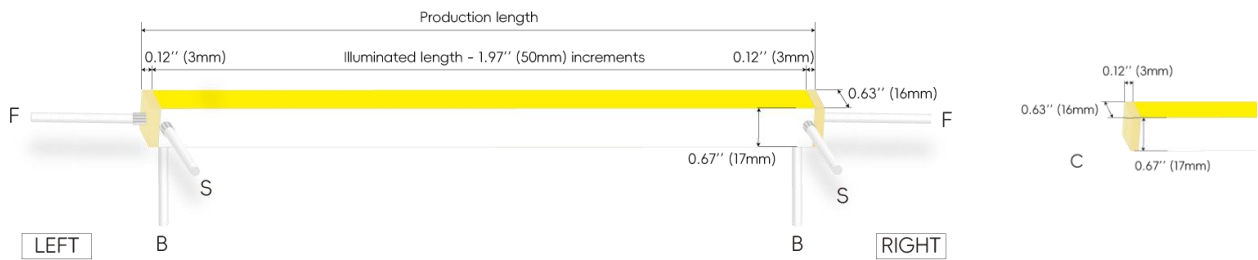
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Feed Entry / End Cap Options

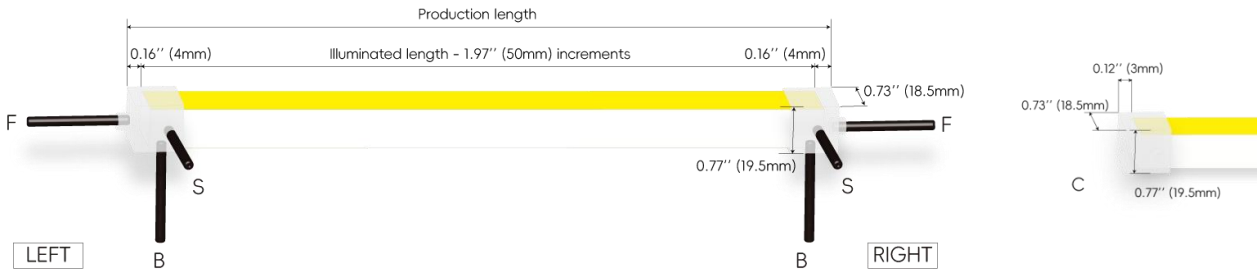
IJ: Injected end cap – IP67, factory-made only



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



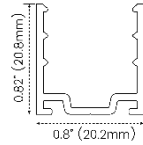
SEC: Silicone end cap – IP67



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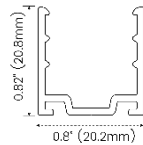
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Mounting Options



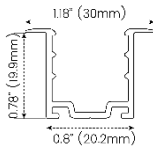
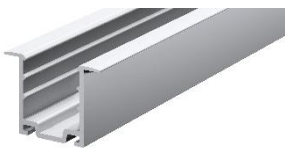
LN1617-SC

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



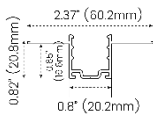
LN1617-BC

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



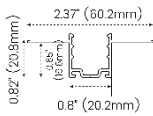
LN1617-RC

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



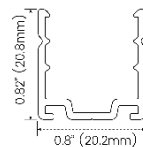
LN1617-MC

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-CL

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

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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)

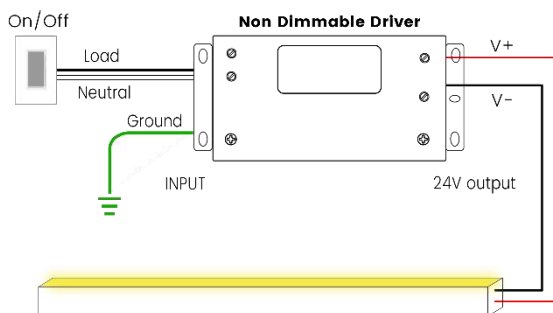
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L*W*H)
KVD-24030-DIM	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10*2.12*0.78"
KVD-24060-DIM	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.01*2.40*0.94"
KVD-24096-DIM	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.05*2.75*1.69"
KVD-24150-DIM	150W	100-277VAC	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)

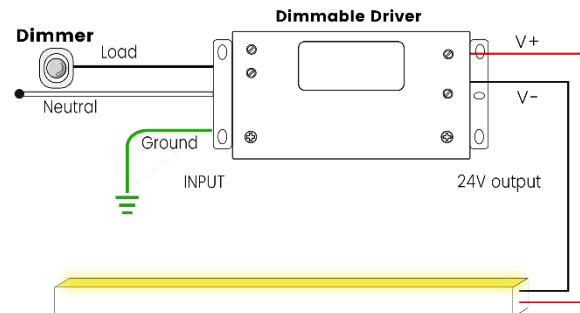
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L*W*H)
KVG-24030-DW	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10*2.13*0.79"
KVG-24060-DW	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.01*2.41*0.94"
KVG-24096-DW	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.06*2.76*1.69"
KVG-24150-DW	150W	100-277VAC	24V	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

Additional Accessories (Optional, purchase for extra)



MCW-2P-67
Male connector with 0.98' (30cm) white cable, 2 pin, IP67, Wet, 20 AWG



FCW-2P-67
Female connector with 0.98' (30cm) white cable, 2 pin, IP67, Wet, 20 AWG



MCB-2P-67
Male connector with 0.98' (30cm) black cable, 2 pin, IP67, Wet, 20 AWG



FCB-2P-67
Female connector with 0.98' (30cm) black cable, 2 pin, IP67, Wet, 20 AWG