

# LINIO NEON EOS TV Indoor · Vertical Bending · Static White

### Features

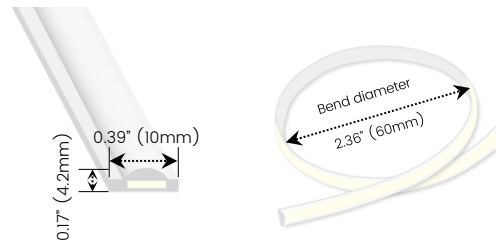
- Hybrid neon tape, completely dot-free
- Field cuttable & joinable
- Low voltage DC24V
- 100-300 lumen outputs
- IP65 rated, ideal for indoor uses
- 5 years warranty



Date \_\_\_\_\_ Fixture type \_\_\_\_\_

Project name \_\_\_\_\_ Project phase \_\_\_\_\_

### Dimension



### Order Code

Series	Environment	Voltage	Temp./Color	Power					
LNEOSTV	W5	Wet (IP65)	24	DC24V	22	2200K	146	1.46W/ft	-100 lm/ft
					27	2700K	293	2.93W/ft	-200 lm/ft
					30	3000K	439	4.39W/ft	-300 lm/ft
					35	3500K			
					40	4000K			
					53	5300K			

### Assembly Builder

End Cap <sup>1</sup>		Left Feed Entry		Right Feed Entry		Illuminated Length <sup>2</sup>						
IJ	Injected (IP65)	F	Front	OW	Open wire 3.28'	F	Front	OW	Open wire 3.28'	Max.	16.4'	-1.46W
IJC	Clear injected (IP65)	C	Closed	MC	Male connector with 0.98' cable	C	Closed	MC	Male connector with 0.98' cable		16.4'	-2.93W
SEC	Silicone (IP65)			FC	Female connector with 0.98' cable			FC	Female connector with 0.98' cable		16.4'	-4.39W
				NA	Only for Closed Feed Entry			NA	Only for Closed Feed Entry	Increment	0.98'	

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	1.46W/ft	2.93W/ft	4.39W/ft
2200K	85	169	250
2700K	89	190	284
3000K	93	194	287
3500K	95	190	284
4000K	98	189	296
5300K	98	194	287
Max. Run for Class 2 Low Voltage (ft)	16.4	16.4	16.4
Max. Run Length (ft)	16.4	16.4	16.4
Storage Temperature	-13-140°F	-13-140°F	-13-140°F
Ambient Temperature	-13-113°F	-13-113°F	-13-113°F

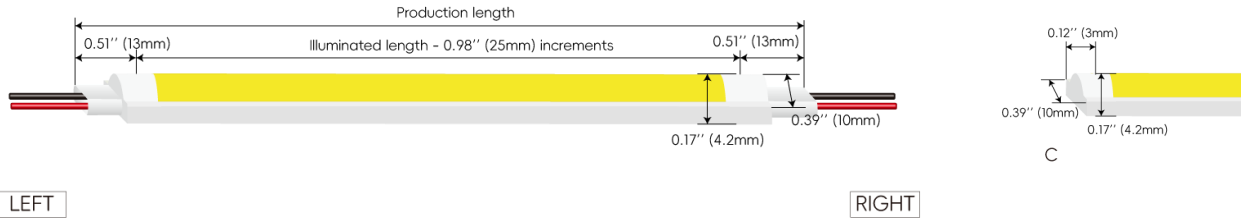
### Technical Details

Efficacy	64.5lm/w @4000K 2.93W
CRI	Ra ≥ 90
Beam Angle	110°
LED MacAdam	3 steps
Life (L70)	> 102,000 hours
Max. Length Per Reel	98.4' (30M)
Finish	Matte

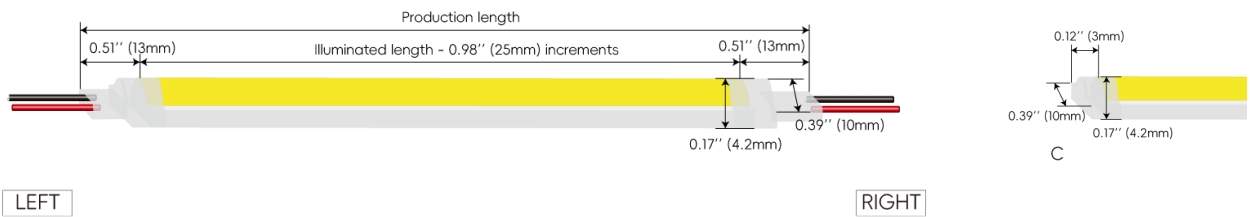
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## Feed Entry / End Cap Options

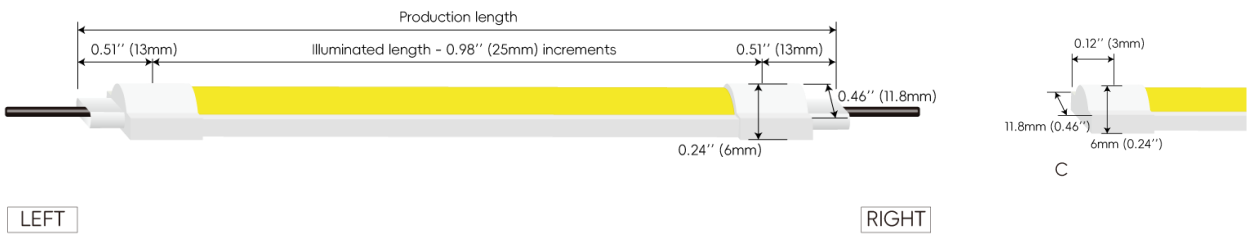
**IJ:** Injected end cap – IP65, factory-made only



**IJC:** Clear injected end cap – IP65, factory-made only



**SEC:** Silicone end cap – IP65



## Connector Wire Options



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



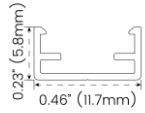
**MC:** Male connector, **Wet**  
Standard 0.98' (30cm), 20 AWG



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

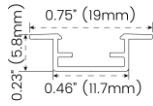
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Mounting Options



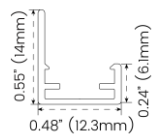
**LNEOS-SC-10**

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



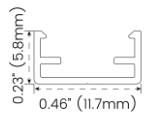
**LNEOS-RC-10**

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



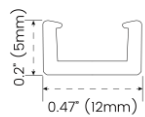
**LNEOS-LBC-10**

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



**LNEOS-BC-10**

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



**LNEOS-CL-10**

Name	Mounting clip
Material	Silicone
Standard Length	0.55' (14MM)

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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)

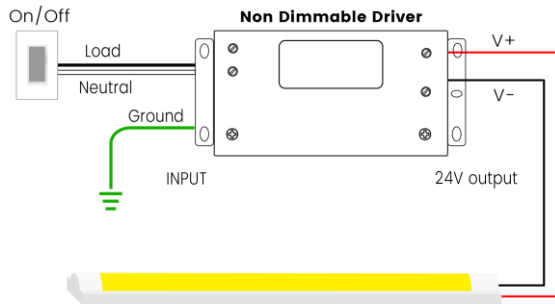
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L *W *H)
KVD-24030-DIM	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10" *2.12" *0.78"
KVD-24060-DIM	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.01" *2.40" *0.94"
KVD-24096-DIM	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.05" *2.75" *1.69"
KVD-24150-DIM	150W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

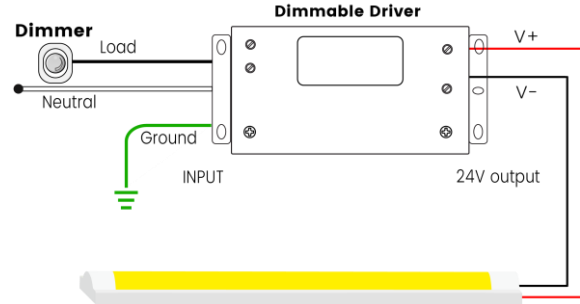
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L *W *H)
KVG-24030-DW	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10" *2.13" *0.79"
KVG-24060-DW	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.01" *2.41" *0.94"
KVG-24096-DW	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.06" *2.76" *1.69"
KVG-24150-DW	150W	100-277VAC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

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**LNEOS-SEC-C-10**  
Silicone closed end cap for 0.39" (10mm) wide LINIO NEON EOS TV series



**LNEOS-SEC-F-2P-10**  
Silicone end cap front entry with 0.66" (20cm) cable, 2 pin



**LNEOS-STC-2P-10**  
Strip to cable connector with 0.66" (20cm) cable, IP20, 2 pin

Additional Accessories (Optional, purchase for extra)

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**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