

LINIO NEON EOS TV HE Indoor/Semi-Outdoor · Vertical Bending · Static White

Features

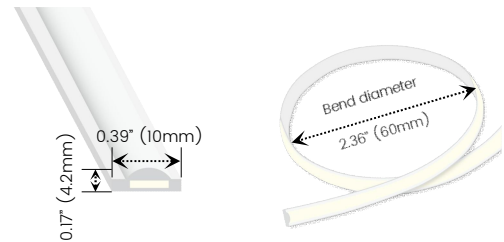
- High efficacy up to 102.7lm/W
- Field cuttable & joinable
- Low voltage DC24V
- 300~400 lumen outputs
- IP65 rated, ideal for indoor or covered outdoor uses
- 5 years warranty



Date	Fixture type
Project name	Project phase



Dimension



Order Code

Series	Environment	Voltage	Temp./Color	Power
LNEOSTVHE	W5	Wet (IP65)	24	DC24V
			22	2200K
			27	2700K
			30	3000K
			35	3500K
			40	4000K
			57	5700K
			293	2.93W/ft
			439	4.39W/ft
				~300 lm/ft
				~400 lm/ft

Assembly Builder

End Cap ¹	Left Feed Entry	Right Feed Entry	Illuminated Length ²
IJ Injected (IP65)	F Front OW Open wire 3.28'	F Front OW Open wire 3.28'	Max. 49.2' -2.93W
IJC Clear injected (IP65)	C Closed MC Male connector with 0.98' cable	C Closed MC Male connector with 0.98' cable	32.8' -4.39W
SEC Silicone (IP65)	FC Female connector with 0.98' cable	FC Female connector with 0.98' cable	Increment 0.98'
	NA Only for Closed Feed Entry	NA Only for Closed Feed Entry	

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	2.93W/ft	4.39W/ft
2200K	272	404
2700K	281	413
3000K	290	426
3500K	293	432
4000K	301	443
5700K	299	445
Max. Run for Class 2 Low Voltage (ft)	26.2	17.5
Max. Run Length (ft)	49.2	32.8
Storage Temperature	-13~140°F	-13~140°F
Ambient Temperature	-13~113°F	-13~113°F

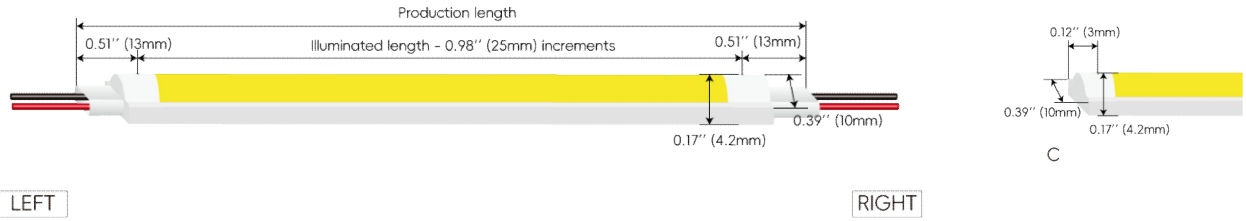
Technical Details

Efficacy	102.7lm/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

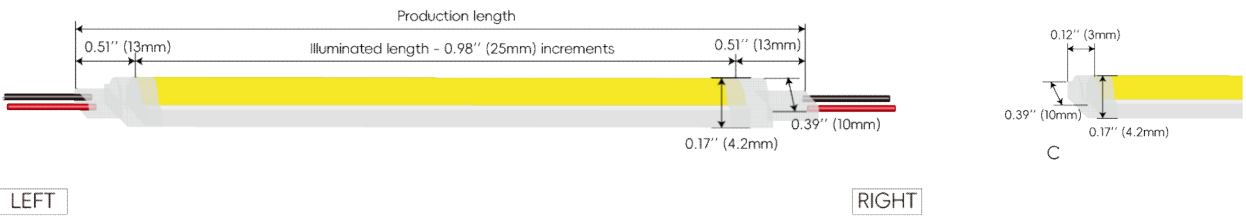
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Feed Entry / End Cap Options

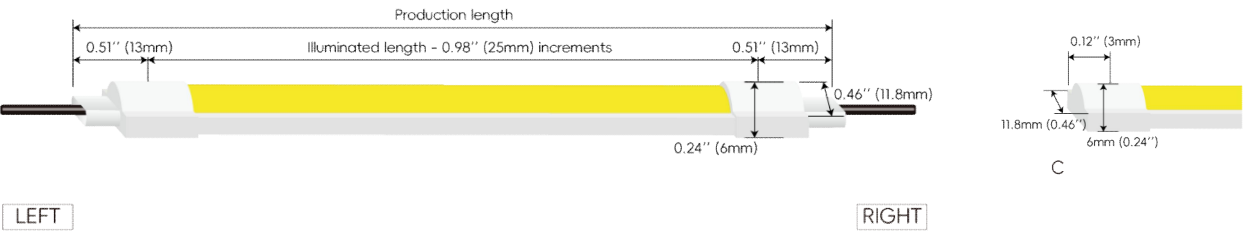
IJ: Injected end cap – IP65, factory-made only



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)



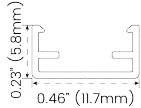
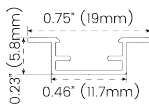
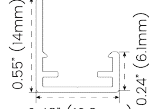
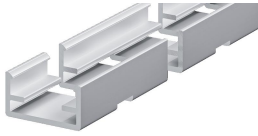
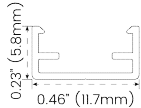
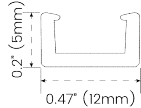
MC: Male connector, **Wet**
Standard 0.98' (30cm), 20 AWG



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

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Mounting Options

		LNEOS-SC-10 <table><tr><td>Name</td><td>Straight surface channel</td></tr><tr><td>Material</td><td>Aluminum</td></tr><tr><td>Standard Length</td><td>3.28' (1M)</td></tr></table>	Name	Straight surface channel	Material	Aluminum	Standard Length	3.28' (1M)
Name	Straight surface channel							
Material	Aluminum							
Standard Length	3.28' (1M)							
		LNEOS-RC-10 <table><tr><td>Name</td><td>Straight recessed channel</td></tr><tr><td>Material</td><td>Aluminum</td></tr><tr><td>Standard Length</td><td>3.28' (1M)</td></tr></table>	Name	Straight recessed channel	Material	Aluminum	Standard Length	3.28' (1M)
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		LNEOS-LBC-10 <table><tr><td>Name</td><td>Light-block channel</td></tr><tr><td>Material</td><td>Aluminum</td></tr><tr><td>Standard Length</td><td>3.28' (1M)</td></tr></table>	Name	Light-block channel	Material	Aluminum	Standard Length	3.28' (1M)
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Material	Aluminum							
Standard Length	3.28' (1M)							
		LNEOS-CL-10 <table><tr><td>Name</td><td>Mounting clip</td></tr><tr><td>Material</td><td>Silicone</td></tr><tr><td>Standard Length</td><td>0.55' (14MM)</td></tr></table>	Name	Mounting clip	Material	Silicone	Standard Length	0.55' (14MM)
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)

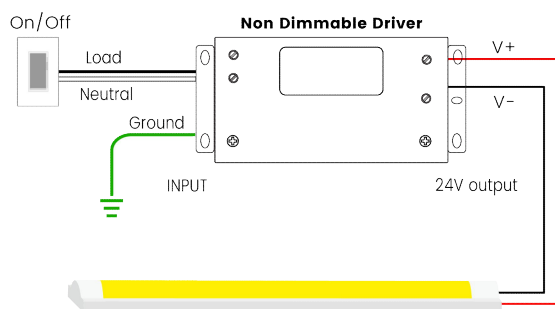
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L *W *H)
KVD-24030-DIM	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10" *2.12" *0.78"
KVD-24060-DIM	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.00" *2.40" *0.94"
KVD-24096-DIM	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.05" *2.75" *1.69"
KVD-24150-DIM	150W	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)

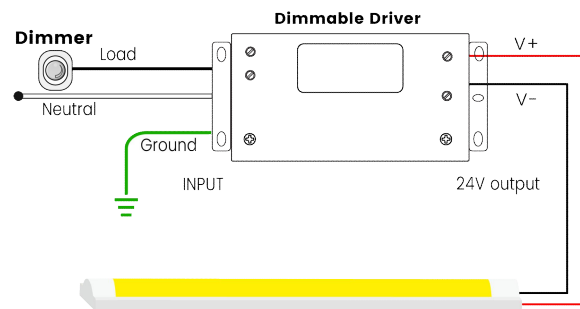
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L *W *H)
KVG-24030-DW	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10" *2.13" *0.79"
KVG-24060-DW	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.00" *2.41" *0.94"
KVG-24096-DW	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.06" *2.76" *1.69"
KVG-24150-DW	150W	100-277VAC	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



Triac-Dimmable



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Connectors (Optional, purchase for extra)



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)



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