

LINIO NEON EOS TV RGBW Vertical Bending · RGBW

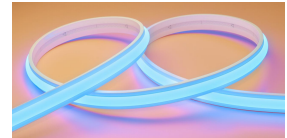
Features

- Max run length up to 16.4ft (5m) from single power feed
- Field cuttable & joinable
- Low voltage DC24V
- 200 lumen outputs
- IP65 rated, ideal for damp location and sheltered exterior
- 5 years warranty

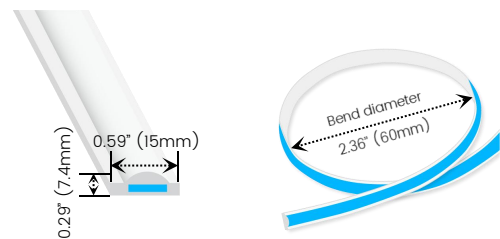
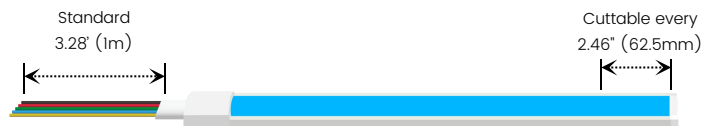


Date _____ Fixture type _____

Project name _____ Project phase _____



Dimension



Order Code

Series	Environment	Voltage	Temp./Color	Power
LNEOSTV	W5 Wet (IP65)	24 DC24V	RGBW27 RGBW30 RGBW40	503 5.03W/ft ~200 lm/ft RGBW (W=2700K) RGBW (W=3000K) RGBW (W=4000K)

Assembly Builder

End Cap ¹	Left Feed Entry	Right Feed Entry	Illuminated Length ²
IJ Injected (IP65) IJC Clear injected (IP65) SEC Silicone (IP65)	F Front OW Open wire 3.28' C Closed MC Male connector with 0.98' cable FC Female connector with 0.98' cable NA Only for Closed Feed Entry	F Front OW Open wire 3.28' C Closed MC Male connector with 0.98' cable FC Female connector with 0.98' cable NA Only for Closed Feed Entry	Max. 16.4' ~5.03W Increment 2.46'

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	5.03W/ft
R	24
G	101
B	20
W27	70
W30	73
W40	74
RGBW27	213
RGBW30	217
RGBW40	205
Max. Run for Class 2 Low Voltage (ft)	15.3
Max. Run Length (ft)	16.4
Storage Temperature	-13-140°F
Ambient Temperature	-13-113°F

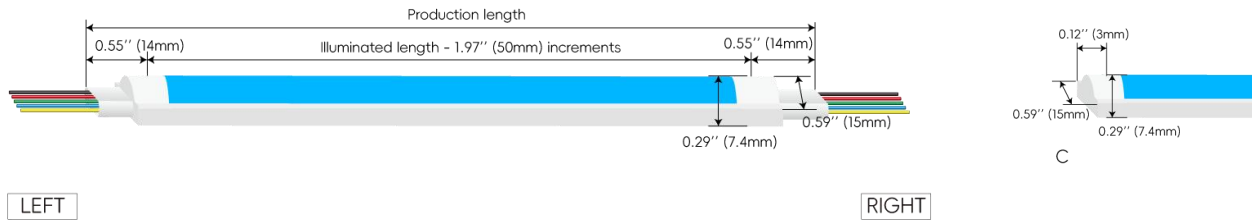
Technical Details

Efficacy	43.1lm/W @RGBW30 5.03W
CRI	Ra ≥ 90
Beam Angle	110°
Life (L70)	> 30,000 hours
Max. Length Per Reel	98.4' (30M)
Finish	Matte

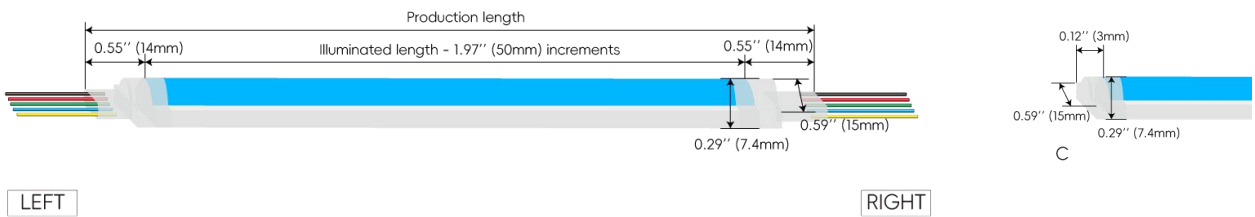
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Feed Entry / End Cap Options

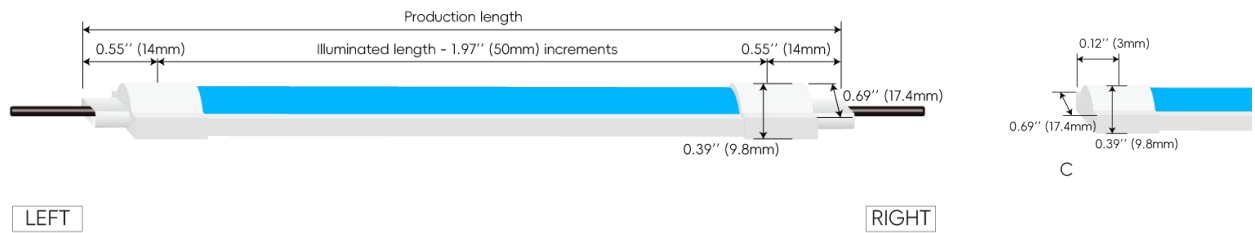
IJ: Injected end cap – IP65, factory-made only



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)



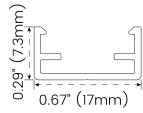
MC: Male connector, **Wet**
Standard 0.98' (30cm), 20 AWG



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

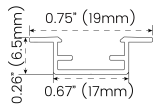
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Mounting Options



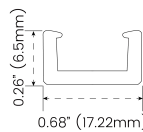
LNEOS-SC-15

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



LNEOS-RC-15

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



LNEOS-CL-15

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

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\"

DMX512-dimmable

Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L *W *H)
KVX-24096-4C-A	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.05\" *3.07\" *0.98\"
KVX-24150-4C-A	150W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.90\" *3.07\" *0.98\"
KVX-24200-4C-A	200W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.90\" *3.07\" *0.98\"
KVX-24300-4C-A	300W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	11.85\" *3.07\" *0.98\"

DMX Decoders

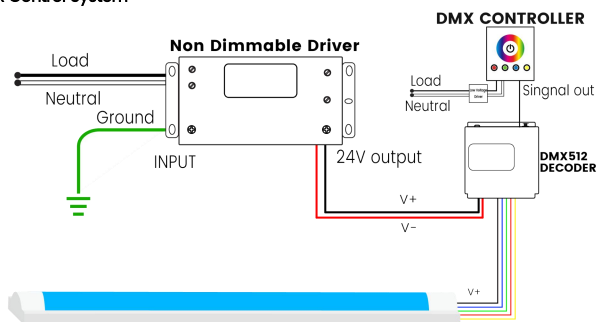
Code	Description
LT-904	4 channels output, up to 576W output power
LT-916	16 channels output, up to 1152W output power
LT-932	32 channels output, up to 2304W output power

Controllers

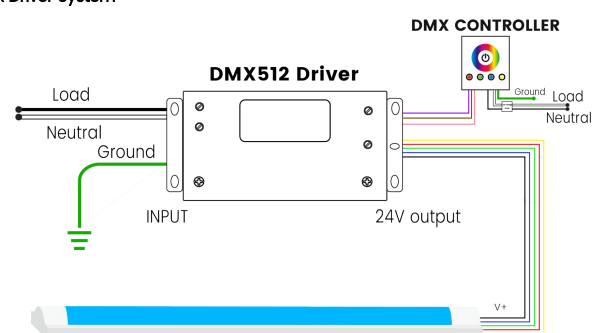
Code	Description
DINA-DR micro	DMX 60 channels, DMX Stand Alone controller with 10 scenes, USB connectivity for programming
SLESA-U9	DMX 256 channels, USB connection, standalone mode with 1 area and 20 scenes
STICK-GA2	DMX 512 channels, ready to use (pre-loaded with 8 scenes and 170 RGB fixtures)
STICK-CW4	DMX 1024 channels, up to 36 scenes stored and directly recalled via 6 touch sensitive buttons

Wiring Diagram

DMX Control System



DMX Driver System



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Connectors (Optional, purchase for extra)



LNEOS-SEC-C-15
Silicone closed end cap for 0.59" (15mm) wide LINIO NEON EOS TV series



LNEOS-SEC-F-5P-15
Silicone end cap front entry with 0.66" (20cm) cable, 5 pin

Additional Accessories (Optional, purchase for extra)



MCW-5P-67
Male connector with 0.98' (30cm) white cable, 5 pin, IP67, Wet, 20 AWG



FCW-5P-67
Female connector with 0.98' (30cm) white cable, 5 pin, IP67, Wet, 20 AWG



MCB-5P-67
Male connector with 0.98' (30cm) black cable, 5 pin, IP67, Wet, 20 AWG



FCB-5P-67
Female connector with 0.98' (30cm) black cable, 5 pin, IP67, Wet, 20 AWG