

LINIO NEON EOS TV RGBW Indoor/Semi-Outdoor · Vertical Bending · RGBW

Features

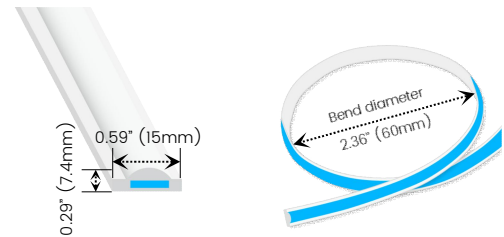
- Max run length up to 16.4ft (5m) from single power feed
- Field cuttable & joinable
- Low voltage DC24V
- 200 lumen outputs
- IP65 rated, ideal for indoor or covered outdoor uses
- 5 years warranty



Date	Fixture type
Project name	Project phase



Dimension



Order Code

Series	Environment	Voltage	Temp./Color	Power
LNEOSTV	W5 Wet (IP65)	24 DC24V	RGBW27 RGBW30 RGBW40	503 5.03W/ft ~200 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 16.4' ~5.03W
IJC Clear injected (IP65)	C Closed MC Male connector with 0.98' cable	C Closed MC Male connector with 0.98' cable	Increment 2.46'
SEC Silicone (IP65)	FC Female connector with 0.98' cable	FC Female connector with 0.98' cable	
	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	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

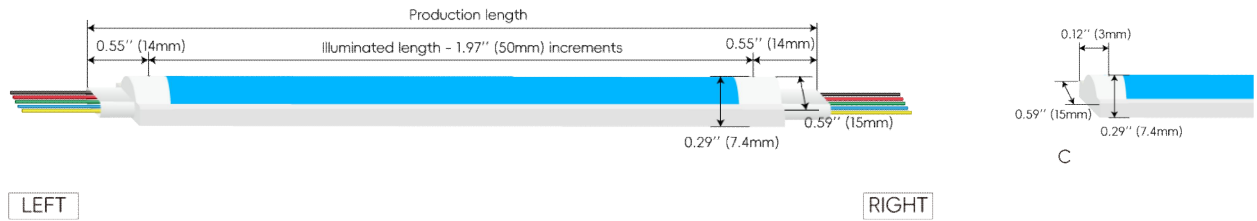
Technical Details

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

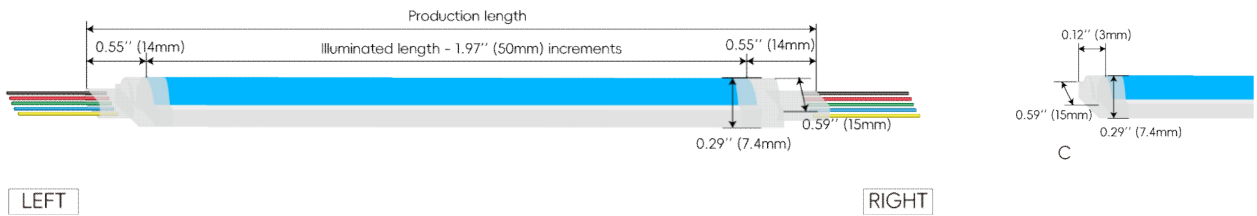
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Feed Entry / End Cap Options

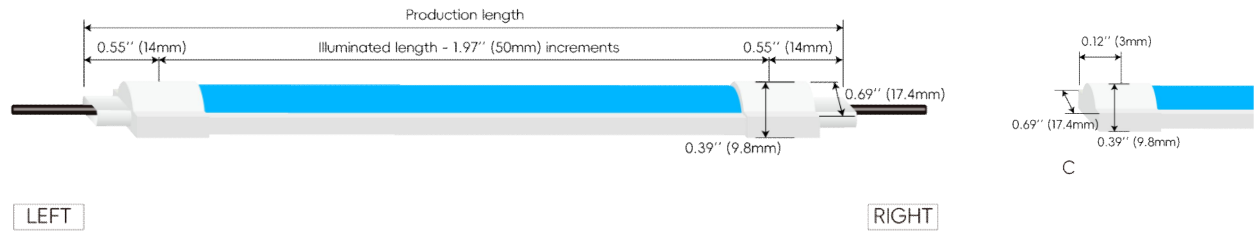
IJ: Injected end cap – IP65, factory-made only



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)



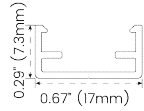
MC: Male connector, **Wet**
Standard 0.98' (30cm), 20 AWG



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

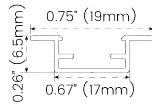
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Mounting Options



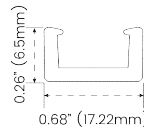
LNEOS-SC-15

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\"
KV-24060-ASW	60W	100-277VAC	24V	No	Yes	Dry/Damp	7.00\"
KV-24096-ASW	96W	100-277VAC	24V	No	Yes	Dry/Damp/Wet	9.05\"
KV-24150-ASW	150W	100-277VAC	24V	No	No	Dry/Damp/Wet	10.07\"
KV-24200-ASW	200W	100-277VAC	24V	No	No	Dry/Damp/Wet	10.07\"
KV-24300-ASW	300W	100-277VAC	24V	No	No	Dry/Damp/Wet	10.86\"

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\"
KVX-24150-4C-A	150W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.90\"
KVX-24200-4C-A	200W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.90\"
KVX-24300-4C-A	300W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	11.85\"

DMX Decoders

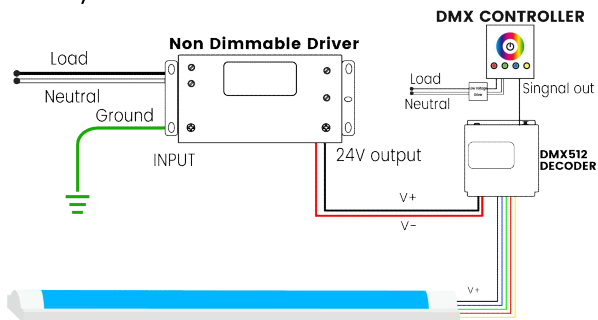
Code	Description
LT-904	4 channels output, up to 576W output power
LT-916	16 channels output, up to 1152W output power
LT-932	32 channels output, up to 2304W output power

Controllers

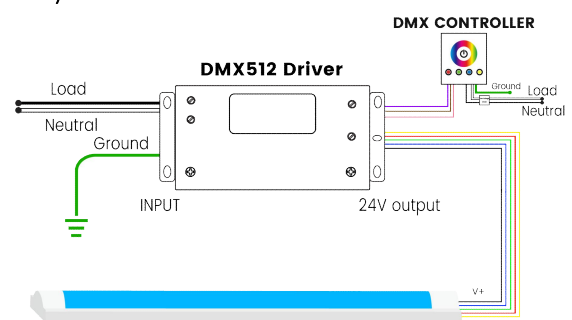
Code	Description
DINA-DR micro	DMX 60 channels, DMX Stand Alone controller with 10 scenes, USB connectivity for programming
SLESA-U9	DMX 256 channels, USB connection, standalone mode with 1 area and 20 scenes
STICK-GA2	DMX 512 channels, ready to use (pre-loaded with 8 scenes and 170 RGB fixtures)
STICK-CW4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