

LINIO NEON EOS TV PIXEL RGBW Vertical Bending · Pixel RGBW

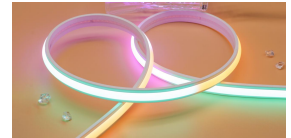
Features

- Addressable dynamic color, 1 pixels/ft
- Field cuttable & joinable
- Low voltage DC24V
- 100 lumen outputs
- IP65 rated, ideal for damp location and sheltered exterior
- 5 years warranty

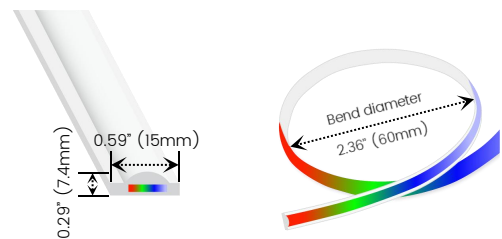


Date _____ Fixture type _____

Project name _____ Project phase _____



Dimension



Order Code

Series	Environment	Voltage	Temp./Color	Power
LNEOSTV	W5 Wet (IP65)	24 DC24V	PRGBW27 Pixel RGBW (W=2700K) PRGBW30 Pixel RGBW (W=3000K) PRGBW40 Pixel RGBW (W=4000K)	290 2.90W/ft ~100 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. 32.8' ~2.90W
IJC Clear injected (IP65)	C Closed PMC Male connector with 0.98' cable	C Closed PMC Male connector with 0.98' cable	Increment 6.56'
SEC Silicone (IP65)	PFC Female connector with 0.98' cable NA Only for Closed Feed Entry	PFC Female connector with 0.98' cable 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	2.90W/ft
R	11
G	55
B	8
W27	33
W30	34
W40	32
RGBW27	101
RGBW30	107
RGBW40	104
Max. Run for Class 2 Low Voltage (ft)	26.5
Max. Run Length (ft)	32.8
Storage Temperature	-13~140°F
Ambient Temperature	-13~113°F

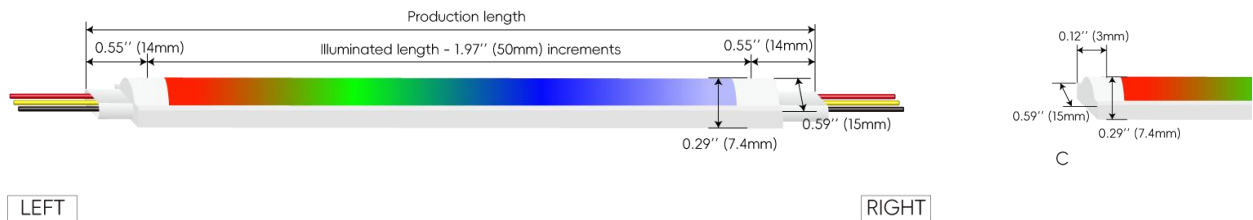
Technical Details

Efficacy	36.9lm/W @RGBW30 2.90W
CRI	Ra ≥ 90
Beam Angle	110°
Life (L70)	> 30,000 hours
Max. Length Per Reel	98.4' (30M)
Dimming	SPI
IC Type	SMI6704PB
Pixel/ft	1
Finish	Matte

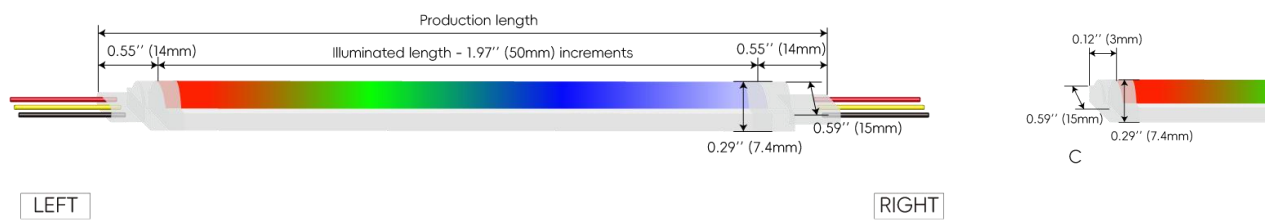
LINIO NEON EOS TV PIXEL RGBW Vertical Bending · Pixel RGBW

Feed Entry / End Cap Options

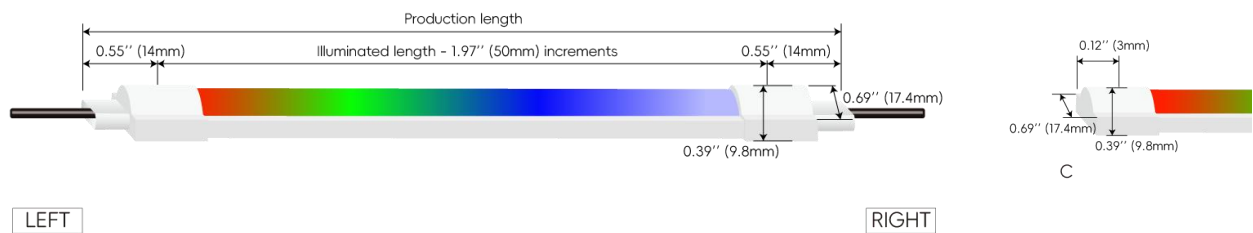
IJ: Injected end cap – IP65, factory-made only



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)



PMC: Male connector, **Wet**

Standard 0.98' (30cm), 22 AWG

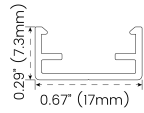


PFC: Female connector, **Wet**

Standard 0.98' (30cm), 22 AWG

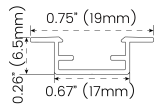
LINIO NEON EOS TV PIXEL RGBW Vertical Bending · Pixel RGBW

Mounting Options



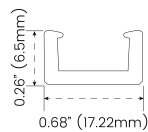
LNEOS-SC-15

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

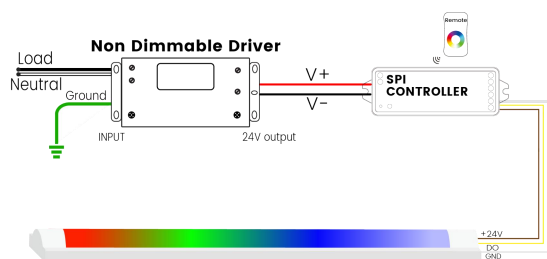
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L*W*H)
KV-24030-ASW	30W	100-277VAC	24V	No	Yes	Dry/Damp	6.10\" *2.12\" *0.78\"
KV-24060-ASW	60W	100-277VAC	24V	No	Yes	Dry/Damp	7.00\" *2.40\" *0.94\"
KV-24096-ASW	96W	100-277VAC	24V	No	Yes	Dry/Damp/Wet	9.05\" *2.75\" *1.69\"
KV-24150-ASW	150W	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\"

Controllers

Code	Description	Environment	Size (L*W*H)
SPI-16S	Rich dynamic effects, Max. 10A current output, match with RF remote control MI6S, CE, RoHS certified	Dry	5.31\" *1.18\" *0.79\"

Wiring Diagram

Dimmable



LINIO NEON EOS TV PIXEL RGBW Vertical Bending · Pixel RGBW

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-3P-15**

Silicone end cap front entry with 0.66" (20cm) cable, 3 pin

Additional Accessories (Optional, purchase for extra)

**PMCW-3P-67**

Male connector with 0.98' (30cm) white cable, 3 pin, IP67, Wet, 22 AWG

**PFCW-3P-67**

Female connector with 0.98' (30cm) white cable, 3 pin, IP67, Wet, 22 AWG

**PMCB-3P-67**

Male connector with 0.98' (30cm) black cable, 3 pin, IP67, Wet, 22 AWG

**PFCB-3P-67**

Female connector with 0.98' (30cm) black cable, 3 pin, IP67, Wet, 22 AWG

**SC-3P-67**

Signal connector, 3 pin, IP67, Wet, standard 20' (6m), **customizable**

**MSC-3P-67**

Male signal connector, 3 pin, IP67, Wet, standard 20' (6m), **customizable**

**FSC-3P-67**

Female signal connector, 3 pin, IP67, Wet, standard 20' (6m), **customizable**

**NC-3P-67**

Network signal connector, 3 pin, IP67, Wet, standard 20' (6m), **customizable**

**MFTCB-3P-67**

Male and female T-shaped connector with black cable, 3 pin, IP67, Wet