

LINIO NEON 1220 SV RGBW Outdoor · Horizontal Bending · RGBW

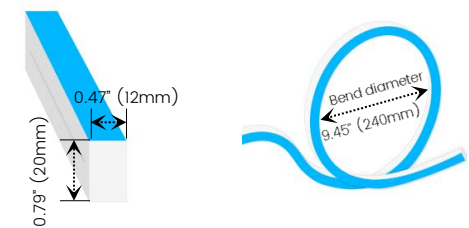
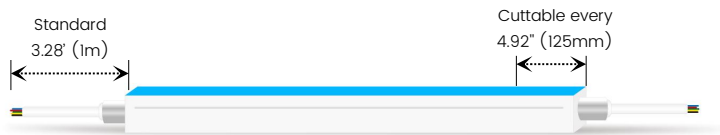
Features

- Max run length up to 32.8ft (10m) from single power feed
- Field cuttable & joinable
- Low voltage DC24V
- 100 lumen outputs
- IP67 rated, ideal for indoor and outdoor uses
- 5 years warranty



Date	Fixture type
Project name	Project phase

Dimension



Order Code

Series	Environment	Voltage	Temp./Color	Power
LNI220SV	W7 Wet (IP67)	24 DC24V	RGBW27 RGBW (W=2700K) RGBW30 RGBW (W=3000K) RGBW35 RGBW (W=3500K) RGBW40 RGBW (W=4000K) RGBW53 RGBW (W=5300K)	457 4.57W/ft ~100 lm/ft

Assembly Builder

End Cap ¹	Left Feed Entry	Right Feed Entry	Illuminated Length ²
IJ Injected (IP67) IJC Clear injected (IP67) SEC Silicone (IP67) MEC1 Mechanical with screws (IP67) MEC3 Mechanical without screws (IP67)	F Front OW Open wire 3.28' B Bottom MC Male connector with 0.98' cable S Side FC Female connector with 0.98' cable C Closed NA Only for Closed Feed Entry	F Front OW Open wire 3.28' B Bottom MC Male connector with 0.98' cable S Side FC Female connector with 0.98' cable C Closed NA Only for Closed Feed Entry	Max. 32.8' ~4.57W Increment 4.92'

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	4.57W/ft
R	10
G	31
B	8
W27	35
W30	36
W35	37
W40	39
W53	38
RGBW27	79
RGBW30	81
RGBW35	81
RGBW40	82
RGBW53	80
Max. Run for Class 2 Low Voltage (ft)	16.8
Max. Run for Mechanical end cap (ft)	21.9
Max. Run Length (ft)	32.8
Storage Temperature	-13-140°F
Ambient Temperature	-13-113°F

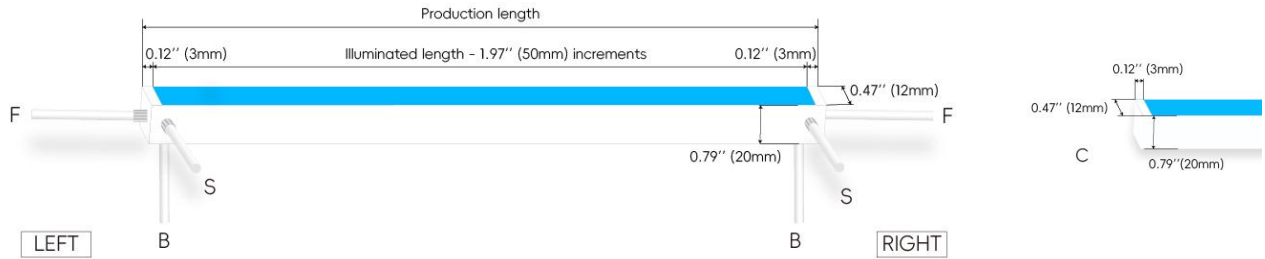
Technical Details

Efficacy	17.7lm/W @RGBW30 4.57W
CRI	Ra ≥ 80
Beam Angle	120°
Life (L70)	> 30,000 hours
Max. Length Per Reel	98.4' (30M)
Finish	Matte

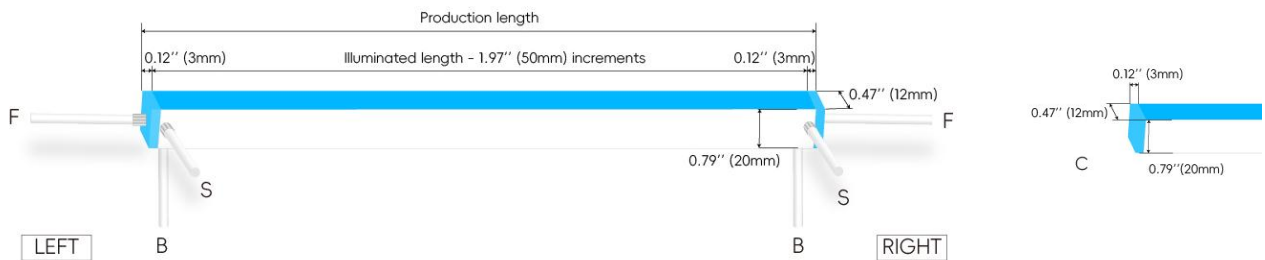
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Feed Entry / End Cap Options

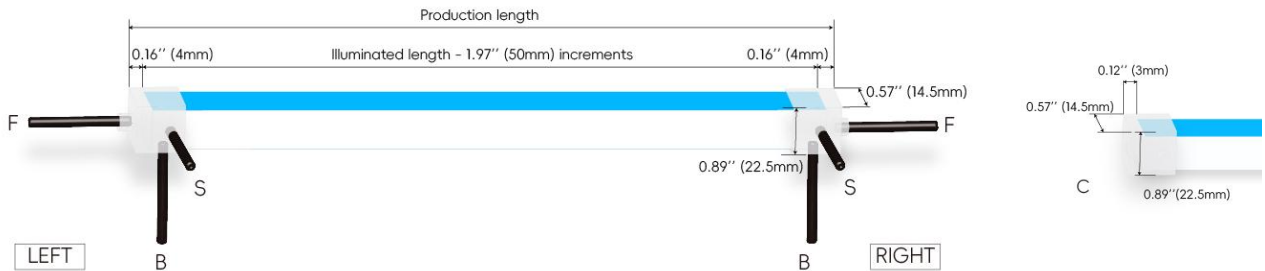
IJ: Injected end cap – IP67, factory-made only



IJC: Clear injected end cap – IP67, factory-made only



SEC: Silicone end cap – IP67



MECI: Mechanical end cap with screws – IP67



MEC3: Mechanical end cap without screws – IP67



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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

Mounting Options

LNI220-SC

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

LNI220-BC

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

LNI220-RC

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

LNI220-CL

Name	Mounting clip
Material	Stainless Steel
Standard Length	0.79' (20MM)

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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"

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

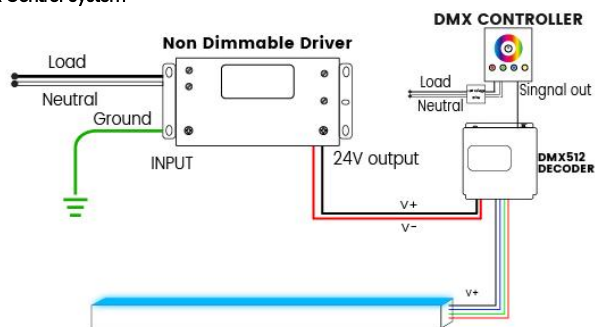
Code	Description
LT-904	4 channels output, up to 576W output power
LT-916	16 channels output, up to 1152W output power
LT-932	32 channels output, up to 2304W output power

Controllers

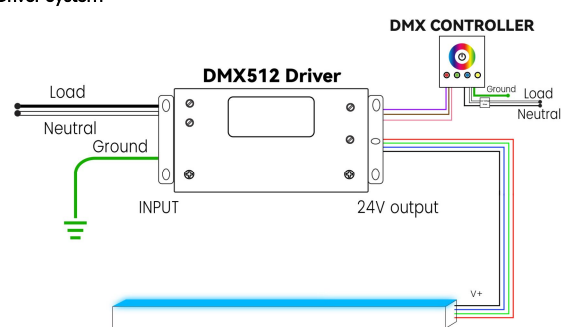
Code	Description
DINA-DR micro	DMX 60 channels, DMX Stand Alone controller with 10 scenes, USB connectivity for programming
SLESA-U9	DMX 256 channels, USB connection, standalone mode with 1 area and 20 scenes
STICK-GA2	DMX 512 channels, ready to use (pre-loaded with 8 scenes and 170 RGB fixtures)
STICK-CW4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

Wiring Diagram

DMX Control System



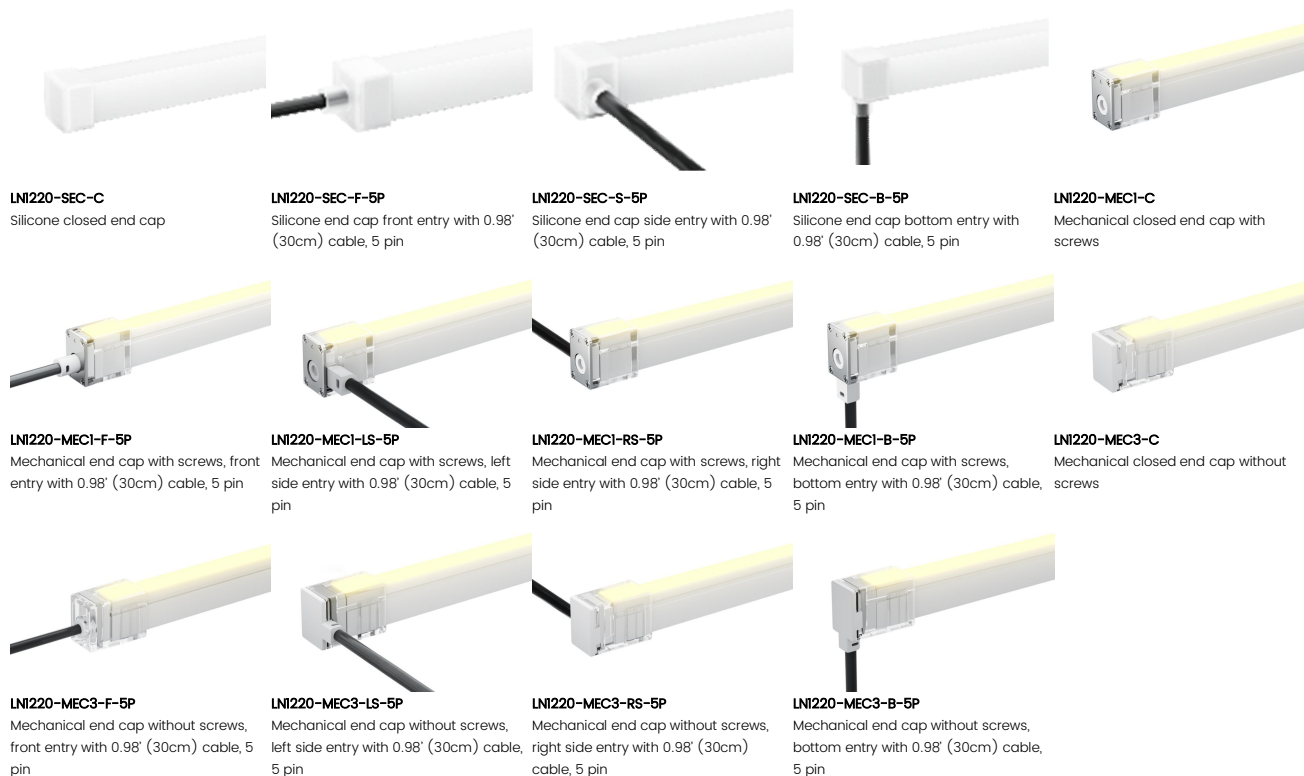
DMX Driver System



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Connectors (Optional, purchase for extra)



Additional Accessories (Optional, purchase for extra)

