

# LINIO NEON 1010X TV Outdoor · Vertical Bending · Static White

### Features

- 3-sided illumination design
- Field cuttable & joinable
- Low voltage DC24V
- 200 lumen outputs
- IP67 rated, ideal for indoor and outdoor uses
- 5 years warranty

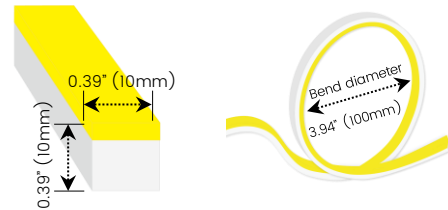


Date \_\_\_\_\_ Fixture type \_\_\_\_\_

Project name \_\_\_\_\_ Project phase \_\_\_\_\_



### Dimension



### Order Code

Series	Environment	Voltage	Temp./Color	Power
LN1010XTV	W7 Wet (IP67)	24 DC24V	22 2200K 27 2700K 30 3000K 35 3500K 40 4000K 53 5300K	335 3.35W/ft ~200 lm/ft

### Assembly Builder

End Cap <sup>1</sup>		Left Feed Entry		Right Feed Entry		Illuminate Length <sup>2</sup>
<b>IJ</b>	Injected (IP67)	<b>F</b> Front	<b>OW</b> Open wire 3.28'	<b>F</b> Front	<b>OW</b> Open wire 3.28'	<b>Max.</b> 32.8' ~3.35W
<b>IJC</b>	Clear injected (IP67)	<b>B</b> Bottom	<b>MC</b> Male connector with 0.98' cable	<b>B</b> Bottom	<b>MC</b> Male connector with 0.98' cable	<b>Increment</b> 1.64'
<b>SEC</b>	Silicone (IP67)	<b>S</b> Side	<b>FC</b> Female connector with 0.98' cable	<b>S</b> Side	<b>FC</b> Female connector with 0.98' cable	
		<b>C</b> Closed	<b>NA</b> Only for Closed Feed Entry	<b>C</b> Closed	<b>NA</b> Only for Closed Feed Entry	

1. Injected and clear injected end cap are factory-made only.  
 2. Production length = Illuminate length + End cap extension length (refer to below page for extension length of each end cap)

Temp./Color	3.35W/ft
2200K	246
2700K	251
3000K	253
3500K	253
4000K	257
5300K	249
Max. Run for Class 2 Low Voltage (ft)	22.9
Max. Run Length (ft)	32.8
Storage Temperature	-13-140°F
Ambient Temperature	-13-113°F

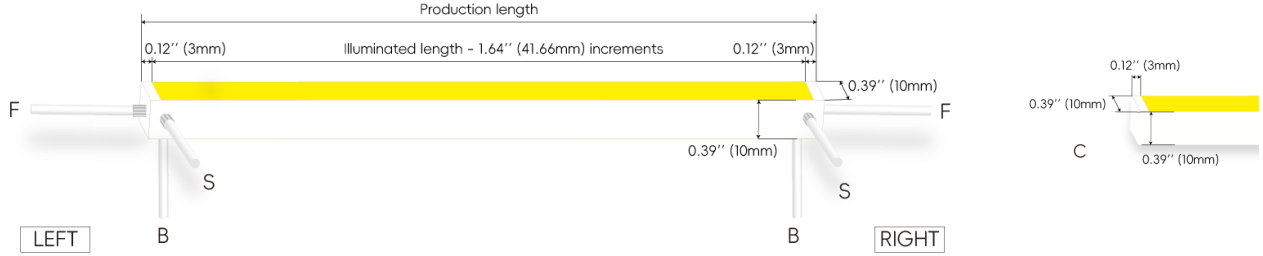
### Technical Details

Efficacy	76.7lm/W @4000K 3.35W
CRI	Ra ≥ 90
Beam Angle	160°
LED MacAdam	2 steps
Life (L70)	> 102,000 hours
Max. Length Per Reel	98.4' (30M)
Finish	Matte

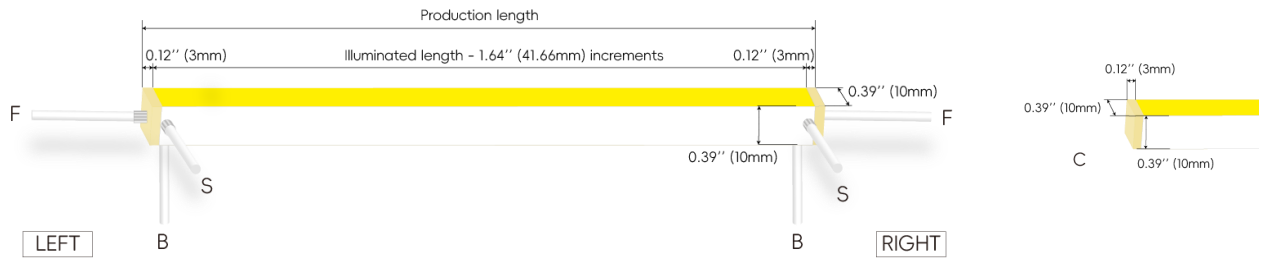
# LINIO NEON 1010X TV Outdoor · Vertical Bending · Static White

## Feed Entry / End Cap Options

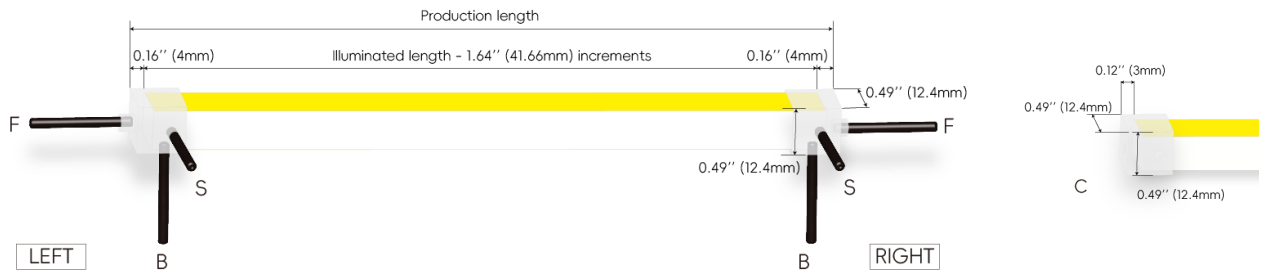
**IJ:** Injected end cap – IP67, factory-made only



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



**SEC:** Silicone end cap – IP67



## Connector Wire Options



**OW:** Open wire **Dry only**  
Standard 3.28' (1m), 20 AWG (wire length customizable)



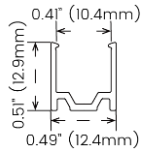
**MC:** Male connector, **Wet**  
Standard 0.98' (30cm), 20 AWG



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

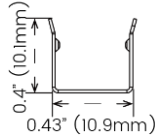
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Mounting Options



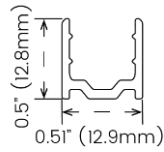
**LN1010-SC**

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



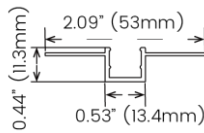
**LN1010-BC**

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



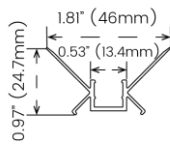
**LN1010-PC**

Name	PC channel
Material	PC
Standard Length	3.28' (1M)



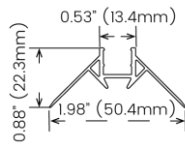
**LN1010-MC**

Name	Mud-in channel
Material	Aluminum
Standard Length	3.28' (1M)



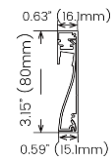
**LN1010-IC**

Name	Inside corner channel
Material	Aluminum
Standard Length	3.28' (1M)



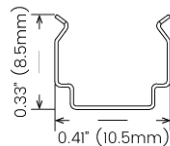
**LN1010-OC**

Name	Outside corner channel
Material	Aluminum
Standard Length	3.28' (1M)



**LN1010-SBC**

Name	Skirting board channel
Material	Aluminum
Standard Length	3.28' (1M)



**LN1010-CL**

Name	Mounting clip
Material	Stainless Steel
Standard Length	0.28' (7MM)

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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)

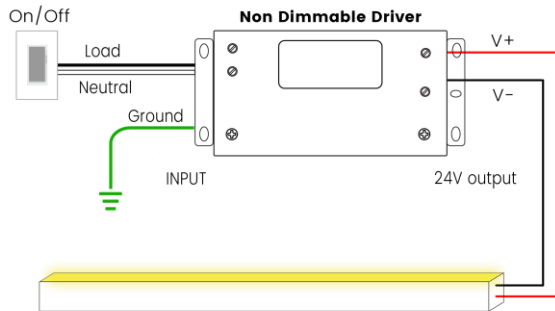
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L*W*H)
KVD-24030-DIM	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10" *2.12" *0.78"
KVD-24060-DIM	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.01" *2.40" *0.94"
KVD-24096-DIM	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.05" *2.75" *1.69"
KVD-24150-DIM	150W	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" *1.02" *2.28"
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)

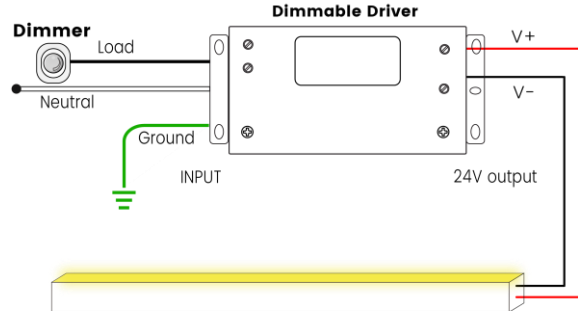
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L*W*H)
KVG-24030-DW	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10" *2.13" *0.79"
KVG-24060-DW	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.01" *2.41" *0.94"
KVG-24096-DW	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.06" *2.76" *1.69"
KVG-24150-DW	150W	100-277VAC	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



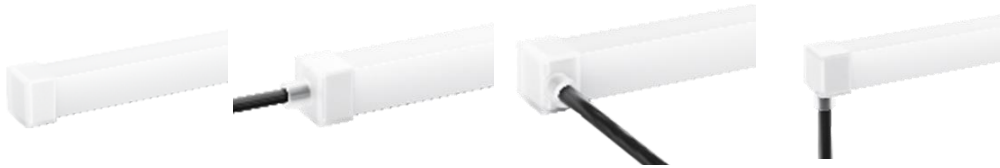
### Dimmable



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Connectors (Optional, purchase for extra)

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**LN1010-SEC-C**  
Silicone closed end cap

**LN1010-SEC-F-2P**  
Silicone end cap front entry with 0.98' (30cm) cable, 2 pin

**LN1010-SEC-S-2P**  
Silicone end cap side entry with 0.98' (30cm) cable, 2 pin

**LN1010-SEC-B-2P**  
Silicone end cap bottom entry with 0.98' (30cm) cable, 2 pin

Additional Accessories (Optional, purchase for extra)

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**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