

# LINIO NEON 0606X TV

Outdoor · Vertical Bending · Field cuttable

# Beamever

## Features

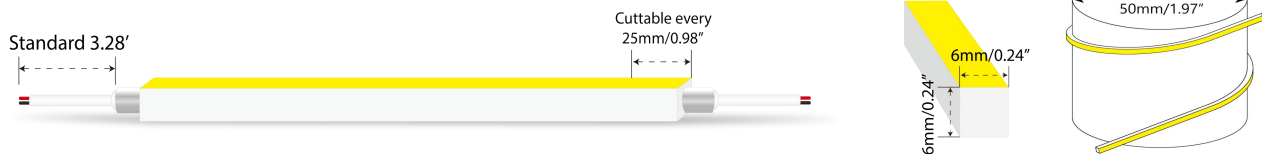
- Field cuttable & joinable
- Low voltage 24V DC
- All dimming protocols dimmable
- Ultra-thin profile, perfect for the designs you need
- IP65 rated for silicone end cap, IP54 for injected end cap
- UV stable without yellowing or cracking over time



Fixture type	
Project name	
Project phase	
Date	



## Dimension & Bending



## Physical

Dimensions	0.24" x 0.24" (width x height)
Bend Direction	Vertical bending
Bend Diameter	1.97" (50mm)
Cutting Interval	0.98" (25mm)
Field Cuttable	No
Housing Material	Dow Corning
Housing Technique	Co-extrusion
Body Color	White
Finish	Matte
Feed Entry	Front, side, bottom
Feed Length	Standard length 3.28'
End Cap	Injected/silicone
Mounting	Clips or channels (rigid or bendable)
Storage Temperature	-25°C ~ 60°C (-13°F ~ 140°F)
Ambient Temperature	-25°C ~ 55°C (-13°F ~ 131°F)
Max. Production Length	65.6ft (20m)

## Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	110°
MacAdam	3 steps
Efficacy (lm/W)	79.2lm/W @4000K 1.83W
CRI	Ra > 90
Lumen Maintenance	> 36,000 hours
IP Rating	IP65/ IP54
Resistance	UV, solvent, saltwater, flame
Dimming	Triac, ELV, PWM, 0-10V, DMX, SPI
Warranty	5 years

## Certification & Safety

Certifications	UL
Environment	Dry, damp or wet locations

Lumen/ft	1.83W
■ 2700K	134
■ 3000K	142
■ 3500K	141
■ 4000K	145
■ 5700K	135
Max. Run Length (ft)	16.4

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## Order Code

Series	Temp./Color	Power	Feed Entry	Connector Wire	End Cap	Length (ft)
LN0606XTV	27=2700K 30=3000K 35=3500K 40=4000K 57=5700K	183=1.83W	FF=Front + Front BB=Bottom + Bottom SS=Side + Side FC=Front + Closed FB=Front + Bottom BF=Bottom+Front FLS=Front + Left Side FRS=Front + Right Side BC=Bottom + Closed BLS=Bottom + Left Side BRS=Bottom + Right Side LSC=Left Side + Closed RSC=Right Side + Closed	OW=Open wire 3.28' MFCW=Male & female connector with 0.98' white cable MFCB=Male & female connector with 0.98' black cable	IJ=Injected end cap (IP54) * Factory made only SEC=Silicone end cap (IP65) * End caps are added by default	Min. - 0.98" Max. run - 16.4' Cut Inc. - 0.98"

Example: LN0606XTV-30-183-FF-OW-IJ-3.28'

\* Customizable—Contact Beamever representatives

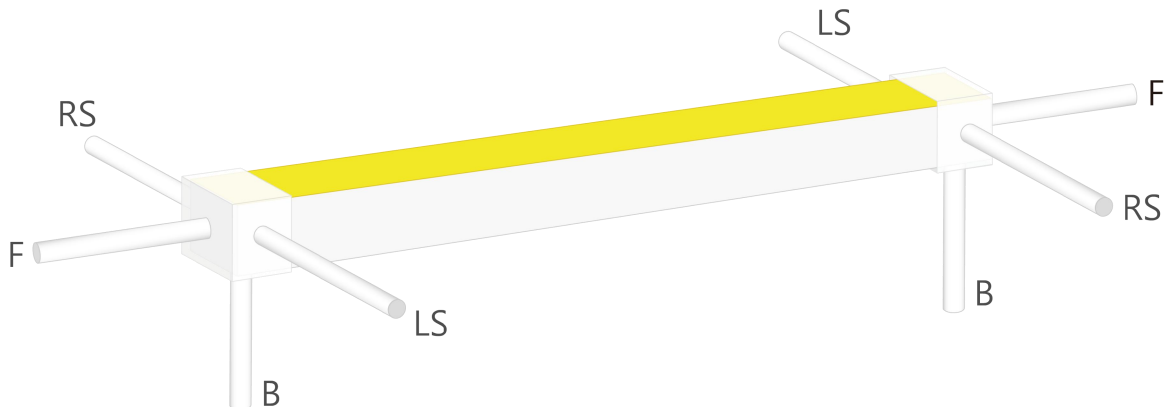
\*This product is not rated as submersible. Do not install in a location where water may pool or collect.

## Feed Entry Options

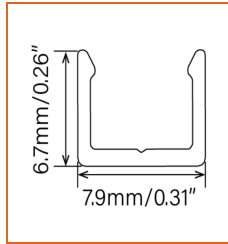
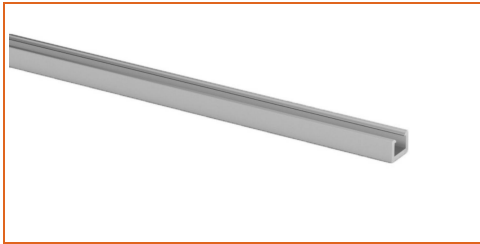
For injected end cap (IP54), factory made only



For silicone end cap (IP65)

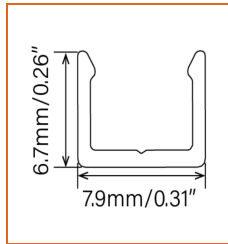


**Mounting Options**



\* Standard length is 3.28'/pcs.

Name	Straight surface channel
Code	LN0606-SC
Material	Aluminum
Mounting style	Surface mounted
Length	3.28' (1m)
Width	0.31" (7.9mm)
Height	0.26" (6.7mm)
Internal width	/



\* Recommend use 1 mounting clip for 1' of neon.

Name	Mounting clip
Code	LN0606-CL
Material	Aluminum
Mounting style	Surface mounted
Length	0.98' (25mm)
Width	0.31" (7.9mm)
Height	0.26" (6.7mm)
Internal Width	/

**Driver Options**

Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L*W*H)
<b>Non Dimmable</b>							
KV-24030-ASW	30W	100-277VAC	24V	No	Yes	Dry/damp	6.10*2.12*0.78 inch
KV-24060-ASW	60W	100-277VAC	24V	No	Yes	Dry/damp	7.00*2.40*0.94 inch
KV-24096-ASW	96W	100-277VAC	24V	No	Yes	Dry/damp/wet	9.05*2.75*1.69 inch
KV-24150-ASW	150W	100-277VAC	24V	No	No	Dry/damp/wet	10.07*3.07*1.85 inch
KV-24200-ASW	200W	100-277VAC	24V	No	No	Dry/damp/wet	10.07*3.07*1.85 inch
KV-24300-ASW	300W	100-277VAC	24V	No	No	Dry/damp/wet	10.86*3.07*1.85 inch
<b>Phase cut /Triac Dimmable</b>							
KVF-24030-TDW	30W	100-277VAC	24V	Yes	Yes	Dry/damp	6.10*2.12*0.78 inch
KVF-24060-TDW	60W	100-277VAC	24V	Yes	Yes	Dry/damp	7*2.4*0.94 inch
KVF-24096-TDW	96W	100-277VAC	24V	Yes	Yes	Dry/damp/wet	9.05*2.75*1.69 inch
KVF-24150-TDW	150W	100-277VAC	24V	Yes	No	Dry/damp/wet	10*3.07*1.85 inch
KVF-24200-TDW	200W	100-277VAC	24V	Yes	No	Dry/damp/wet	10*3.07*1.85 inch
KVF-24300-TDW	300W	100-277VAC	24V	Yes	No	Dry/damp/wet	10.87*3.07*1.85 inch
<b>4 in 1 Dimmable (0-10V/1-10V/Potentiometer/10V PWM)</b>							
KVD-24030-DIM	30W	100-277VAC	24V	Yes	Yes	Dry/damp	6.10*2.12*0.78 inch
KVD-24060-DIM	60W	100-277VAC	24V	Yes	Yes	Dry/damp	7.01*2.40*0.94 inch
KVD-24096-DIM	96W	100-277VAC	24V	Yes	Yes	Dry/damp/wet	9.05*2.75*1.69 inch
KVD-24150-DIM	150W	100-277VAC	24V	Yes	No	Dry/damp/wet	10.08*3.07*1.85 inch
KVD-24200-DIM	200W	100-277VAC	24V	Yes	No	Dry/damp/wet	13.38*11.02*7.28 inch
KVD-24300-DIM	300W	100-277VAC	24V	Yes	No	Dry/damp/wet	10.87*3.07*1.89 inch

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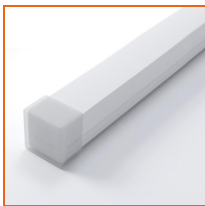
## 5 in 1 Dimmable (Triac/0-10V/1-10V/Potentiometer/10V PWM)

KVG-24030-DW	30W	100-277VAC	24V	Yes	Yes	Dry/damp	6.1*2.13*0.79 inch
KVG-24060-DW	60W	100-277VAC	24V	Yes	Yes	Dry/damp	7.01*2.41*0.94 inch
KVG-24096-DW	96W	100-277VAC	24V	Yes	Yes	Dry/damp/wet	9.06*2.76*1.69 inch
KVG-24150-DW	150W	100-277VAC	24V	Yes	No	Dry/damp/wet	10.08*3.07*1.85 inch
KVG-24200-DW	200W	100-277VAC	24V	Yes	No	Dry/damp/wet	10.08*3.07*1.85 inch
KVG-24300-DW	300W	100-277VAC	24V	Yes	No	Dry/damp/wet	10.87*3.07*1.89 inch

\* Please refer to the spec sheet of each power supply for more detailed information

\* KVF, KVD, KVG series are available in junction box enclosure, you can select it by adding "J" at the end of the driver code, e.g. KVF-24030-TDWJ, and refer to its standalone spec sheet on our website.

## Accessories Options (Optional, purchase for extra)



Name Silicone closed end cap

Code LN0606-SEC-C

Closed silicone end cap



Name Silicone front end cap

Code LN0606-SEC-F-2P

Silicone end cap front entry with 11.81" black cable, 2 pin



Name Silicone side end cap

Code LN0606-SEC-S-2P

Silicone end cap side entry with 11.81" black cable, 2 pin



Name Silicone bottom end cap

Code LN0606-SEC-B-2P

Silicone end cap bottom entry with 11.81" black cable, 2 pin



Name Male and female connectors

Code MFC-2P-67-W

Male and female connectors with 11.81" white cable, 2 pin



Name Male and female connectors

Code MFC-2P-67-B

Male and female connectors with 11.81" black cable, 2 pin



Name Extension connectors

Code ETC-2P-67-1M

Extension male and female connectors with 1m (3.28ft) white cable, 2 pin



Name Extension connectors

Code ETC-2P-67-5M

Extension male and female connectors with 5m (16.4ft) white cable, 2 pin

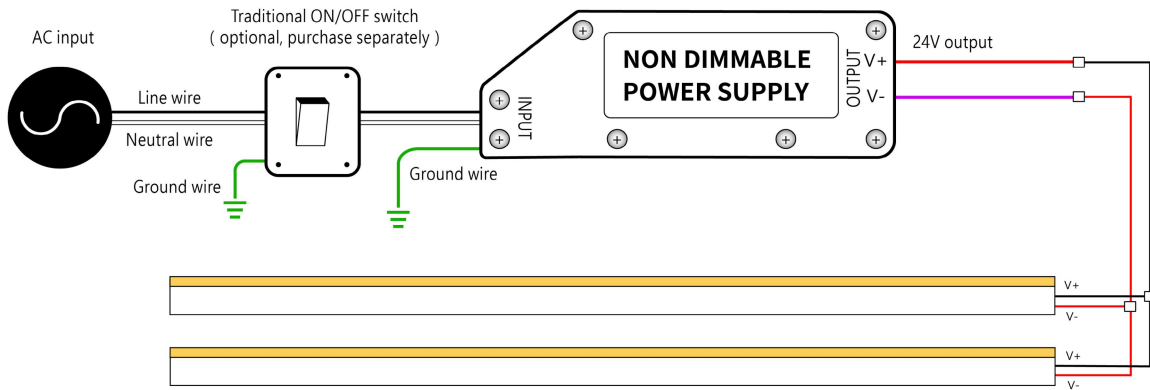
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## Wiring Diagram

### Non Dimmable



### Dimmable

