

LINIO NEON 0606X Static White

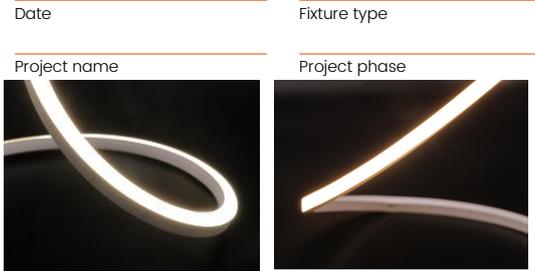
Vertical Bending · Horizontal Bending

Features

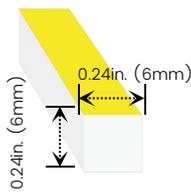
- 0.24in. tiny square shape with superb energy efficiency delivering 100-150/ft lumens
- IP65 rated, ideal for damp location and sheltered exterior
- 5 years warranty

Applications

Hotels, facades, gardens, parks, balconies, roofs, soffits, etc.

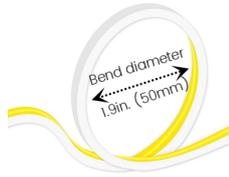


Dimensions (Vertical Bending · Horizontal Bending)



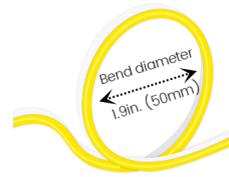
Bending Directions & Diameters

TV - Top View (Vertical Bending)



*Horizontal bending and twisting are prohibited.

SV - Side View (Horizontal Bending)



*Vertical bending and twisting are prohibited.

Order Code

Model	Environment	Voltage	CCT	Power	End Cap
LN0606XSV	W5-Wet (IP65)	24-DC24V	22-2200K	183-1.83W/ft	IJ Injected (IP54)
LN0606XTV			27-2700K		IJC Clear injected (IP54)
			30-3000K		SEC Silicone (IP65)
			35-3500K		
			40-4000K		
			57-5700K		

*Injected and clear injected end cap are factory-made only.

Assembly Builder

Left Feed Entry	
F Front	OW Open wire 3.28ft (1m)
B Bottom	MC Male connector with 0.98ft (30cm) cable
S Side	FC Female connector with 0.98ft (30cm) cable
C Closed	NA Only for Closed Feed Entry

Assembly Builder

Right Feed Entry			Length	
F Front	OW Open wire 3.28ft (1m)		Max nominal	23ft (7m)
B Bottom	MC Male connector with 0.98ft (30cm) cable			
S Side	FC Female connector with 0.98ft (30cm) cable			
C Closed	NA Only for Closed Feed Entry		Increment	0.98in. (25mm)

*We will list the nearest actual manufacturing length on the quotation, based on your requested length.

Mounting Order Code

Product Code
Please select on the Mounting Options page.

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Vertical Bending · Horizontal Bending

Lumen Output (lm/ft)

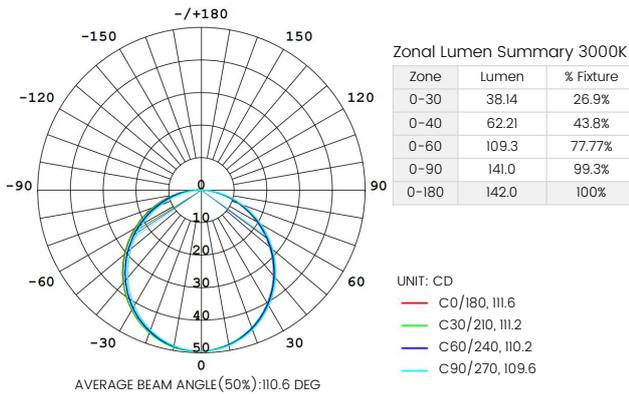
Temp./Color	Vertical Bending	Horizontal Bending
	1.83W/ft	1.83W/ft
2200K	109	81
2700K	132	86
3000K	142	90
3500K	140	93
4000K	145	97
5700K	134	87
Max. Run for Class 2*	23ft(7m)	23ft(7m)

Technical Details

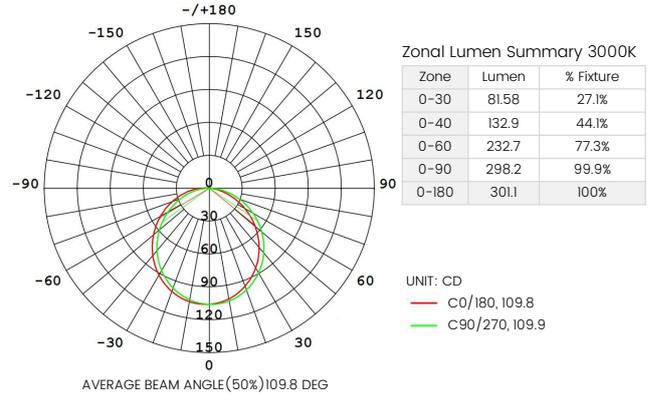
	Vertical Bending	Horizontal Bending
Efficacy	79.2lm/W @4000K 1.83W	49 lm/W @3000K 1.83W
CRI	Ra≥90	Ra≥90
Beam Angle	110°	110°
LED MacAdam	2 steps	2 steps
IK Rating	IK10	IK10
Average Life (L70)	> 47,000 hours	> 40,000 hours
Storage Temperature		-40-140°F (-40°C- 60°C)
Operating Temperature		-40-131°F (-40°C- 55°C)

Photometry

LN0606XTV-W5-24-30-183-IJ-F-OW-F-OW
LINIO NEON 0606X TV, Vertical bend, 3000K, 1.83W/ft



LN0606XSV-W5-24-30-183-IJ-F-OW-F-OW
LINIO NEON 0606X SV, Horizontal bend, 3000K, 1.83W/ft

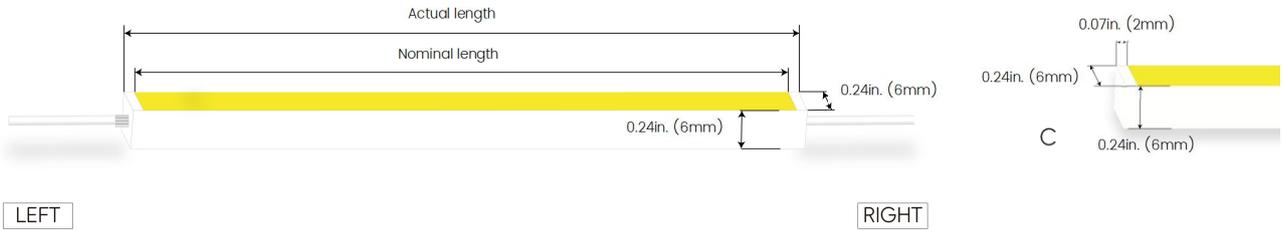


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Vertical Bending · Horizontal Bending

Feed Entry / End Cap Options

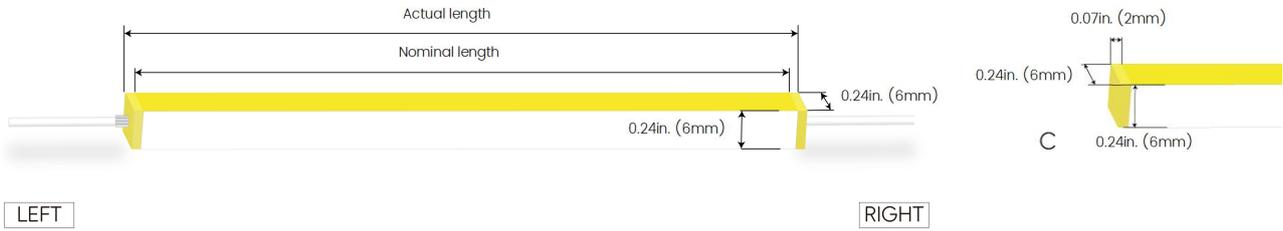
IJ: Injected end cap – IP54, factory-made only



LEFT

RIGHT

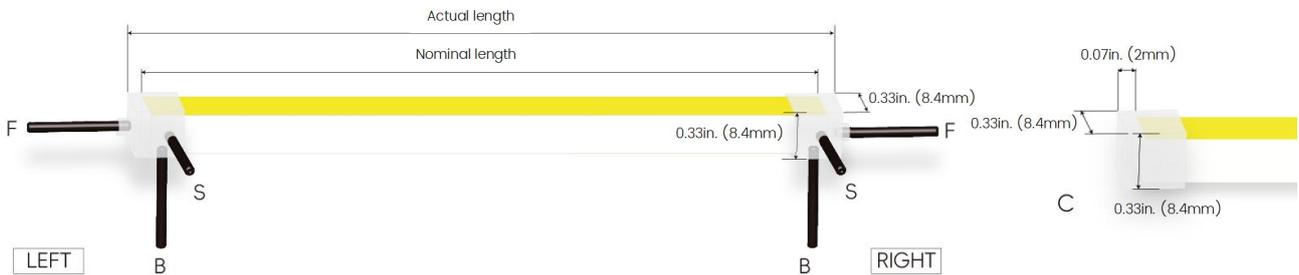
IJC: Clear injected end cap – IP54, factory-made only



LEFT

RIGHT

SEC: Silicone end cap – IP65



LEFT

RIGHT

Connector Wire Options



OW: Open wire, **Dry only**
Standard 3.28ft (1m), 24 AWG (wire length customizable)

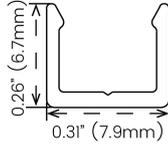
MC: Male connector, 2pin, 24AWG, IP20, 0.66ft(20cm)

FC: Female connector, 2pin, 24AWG, IP20, 0.66ft(20cm)

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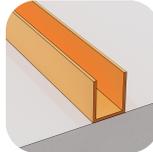
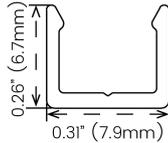
Vertical Bending · Horizontal Bending

Mounting Options



LN0606-SC

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



LN0606-CL

Name	Mounting clip
Material	Aluminum
Standard Length	0.98in. (25mm)

End Caps (Optional, purchase for extra)



LN0606-SEC-C
Silicone closed end cap



LN0606-SEC-F-2P
Silicone end cap front entry with 0.98ft (30cm) cable, 2 pin



LN0606-SEC-S-2P
Silicone end cap side entry with 0.98ft (30cm) cable, 2 pin



LN0606-SEC-B-2P
Silicone end cap bottom entry with 0.98ft (30cm) cable, 2 pin

Additional Accessories (Optional, purchase for extra)



MC-2P-20
Male connector with 0.66ft(20cm)
2pin, IP20, 24AWG



FC-2P-20
Female connector with 0.66ft(20cm)
2pin, IP20, 24AWG

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Vertical Bending · Horizontal Bending

Drivers

Non-dimmable

Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
KV-24030-ASW	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (15.5 x 5.4 x 2cm)
KV-24060-ASW	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.4cm)
KV-24096-ASW	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (23 x 7 x 4.3cm)

Phase cut/Triac-dimmable

Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)		
KVF-24030-TDW	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (15.5 x 5.4 x 2cm)		
KVF-24060-TDW	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.4cm)		
KVF-24096-TDW	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (23 x 7 x 4.3cm)		
KVF-24030-TDWJ	30W				Yes	Dry/Damp	Yes	Dry/Damp	6.5 x 3.6 x 1in. (16.5 x 9.2 x 2.6cm)
KVF-24060-TDWJ	60W								7.4 x 3.6 x 1in. (18.8 x 9.2 x 2.6cm)
KVF-24096-TDWJ	96W								8.7 x 3.7 x 1.6in. (22 x 9.3 x 4.1cm)
KVF-24192-TDWJ	192W (96Wx2)								10.9 x 4.3 x 1.8in. (27.8 x 11 x 4.5cm)
KVF-24288-TDWJ	288W (96Wx3)								11.9 x 4.3 x 1.8in. (30.1 x 11 x 4.5cm)
KVF-24384-TDWJ	384W (96Wx4)								12.7 x 5.5 x 1.9in. (32.3 x 14 x 4.8cm)

4 in 1-dimmable (0-10V/1-10V/Potentiometer/10V PWM)

Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)		
KVD-24030-DIM	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (15.5 x 5.4 x 2cm)		
KVD-24060-DIM	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.4cm)		
KVD-24096-DIM	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (23 x 7 x 4.3cm)		
KVD-24030-DIMJ	30W				Yes	Dry/Damp	Yes	Dry/Damp	6.5 x 3.6 x 1in. (16.5 x 9.2 x 2.6cm)
KVD-24060-DIMJ	60W								7.4 x 3.6 x 1in. (18.8 x 9.2 x 2.6cm)
KVD-24096-DIMJ	96W								8.7 x 3.7 x 1.6in. (22 x 9.3 x 4.1cm)
KVD-24192-DIMJ	192W (96Wx2)								10.9 x 4.3 x 1.8in. (27.8 x 11 x 4.5cm)
KVD-24288-DIMJ	288W (96Wx3)								11.9 x 4.3 x 1.8in. (30.1 x 11 x 4.5cm)
KVD-24384-DIMJ	384W (96Wx4)								12.7 x 5.5 x 1.9in. (32.3 x 14 x 4.8cm)

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

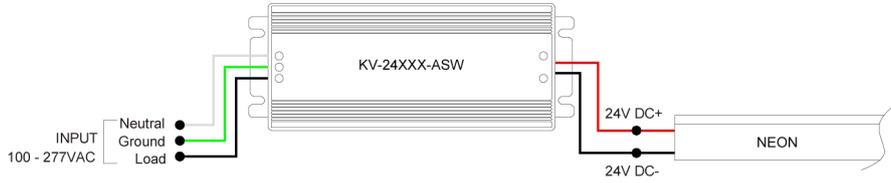
Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)		
KVG-24030-DW	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (15.5 x 5.4 x 2cm)		
KVG-24060-DW	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.4cm)		
KVG-24096-DW	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (23 x 7 x 4.3cm)		
KVG-24030-DWJ	30W				Yes	Dry/Damp	Yes	Dry/Damp	6.5 x 3.7 x 1.6in. (16.5 x 9.5 x 4cm)
KVG-24060-DWJ	60W								7.4 x 3.7 x 1.6in. (18.8 x 9.5 x 4cm)
KVG-24096-DWJ	96W								8.7 x 3.7 x 1.6in. (22 x 9.5 x 4cm)
KVG-C24192-DWJ	192W (96Wx2)								10.9 x 4.3 x 1.8in. (27.8 x 11 x 4.5cm)
KVG-C24288-DWJ	288W (96Wx3)								11.9 x 4.3 x 1.8in. (30.1 x 11 x 4.5cm)
KVG-C24384-DWJ	384W (96Wx4)								12.8 x 5.5 x 1.9in. (32.5 x 14 x 4.8cm)

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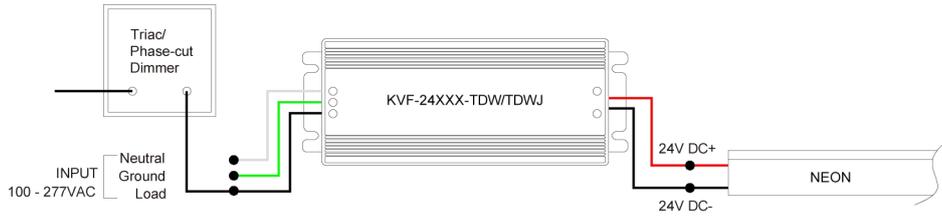
Vertical Bending · Horizontal Bending

Wiring Diagram

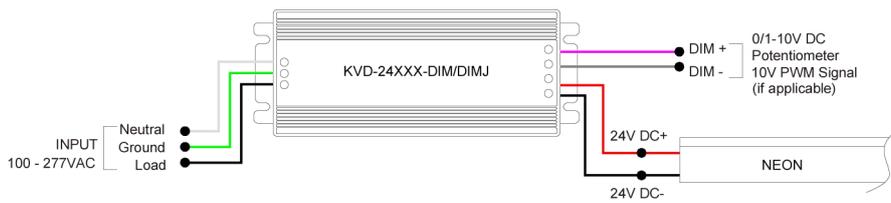
Non-dimmable



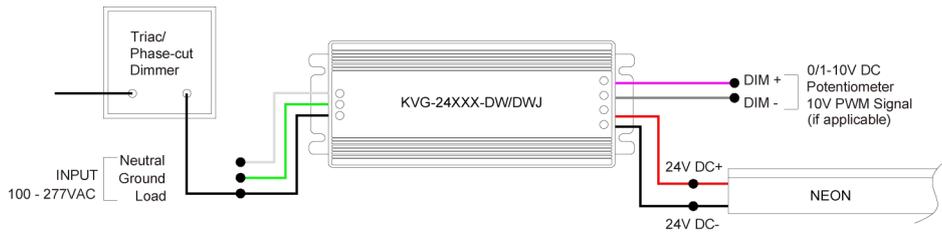
Phase cut/Triac-dimmable



4 in 1-dimmable (0-10V/1-10V/Potentiometer/10V PWM)



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



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Vertical Bending · Horizontal Bending

24V Voltage Drop & Maximum Wire Length Chart

Based on 24V voltage with a 3% voltage drop allowance. Indicates the maximum wire length from the power supply to the start of the run.

Total load	10 AWG	12 AWG	14 AWG	16 AWG	18 AWG	20 AWG	22 AWG
5W / 0.2A	1730 ft (527.3 m)	784 ft (238.9 m)	397 ft (121.0 m)	263 ft (80.2 m)	175 ft (53.3 m)	131 ft (39.9 m)	107 ft (32.6 m)
10W / 0.4A	865 ft (263.6 m)	392 ft (119.4 m)	199 ft (60.7 m)	132 ft (40.2 m)	88 ft (26.8 m)	66 ft (20.1 m)	54 ft (16.5 m)
15W / 0.6A	577 ft (175.9 m)	261 ft (79.6 m)	132 ft (40.2 m)	88 ft (26.8 m)	58 ft (17.7 m)	44 ft (13.4 m)	36 ft (11.0 m)
20W / 0.8A	433 ft (132.0 m)	196 ft (59.7 m)	99 ft (30.2 m)	66 ft (20.1 m)	44 ft (13.4 m)	33 ft (10.1 m)	27 ft (8.2 m)
25W / 1.0A	346 ft (105.5 m)	157 ft (47.9 m)	79 ft (24.1 m)	53 ft (16.2 m)	35 ft (10.7 m)	26 ft (7.9 m)	22 ft (6.7 m)
30W / 1.3A	289 ft (88.1 m)	131 ft (39.9 m)	66 ft (20.1 m)	44 ft (13.4 m)	29 ft (8.8 m)	22 ft (6.7 m)	18 ft (5.5 m)
35W / 1.5A	248 ft (75.6 m)	112 ft (34.1 m)	57 ft (17.4 m)	38 ft (11.6 m)	25 ft (7.6 m)	19 ft (5.8 m)	15 ft (4.6 m)
40W / 1.7A	217 ft (66.1 m)	98 ft (29.9 m)	50 ft (15.2 m)	33 ft (10.1 m)	22 ft (6.7 m)	16 ft (4.9 m)	13 ft (4.0 m)
45W / 1.9A	192 ft (58.5 m)	87 ft (26.5 m)	44 ft (13.4 m)	29 ft (8.8 m)	19 ft (5.8 m)	14 ft (4.3 m)	12 ft (3.7 m)
50W / 2.1A	173 ft (52.7 m)	78 ft (23.8 m)	40 ft (12.2 m)	26 ft (7.9 m)	18 ft (5.5 m)	13 ft (4.0 m)	11 ft (3.4 m)
55W / 2.3A	157 ft (47.9 m)	71 ft (21.6 m)	36 ft (11.0 m)	24 ft (7.3 m)	16 ft (4.9 m)	12 ft (3.7 m)	10 ft (3.0 m)
60W / 2.5A	144 ft (43.9 m)	65 ft (19.8 m)	33 ft (10.1 m)	22 ft (6.7 m)	15 ft (4.6 m)	11 ft (3.4 m)	9 ft (2.7 m)
65W / 2.7A	133 ft (40.5 m)	60 ft (18.3 m)	30 ft (9.1 m)	20 ft (6.1 m)	14 ft (4.3 m)	10 ft (3.0 m)	8 ft (2.4 m)
70W / 2.9A	124 ft (37.8 m)	56 ft (17.1 m)	28 ft (8.5 m)	19 ft (5.8 m)	13 ft (4.0 m)	10 ft (3.0 m)	8 ft (2.4 m)
75W / 3.1A	116 ft (35.4 m)	52 ft (15.9 m)	26 ft (7.9 m)	17 ft (5.2 m)	12 ft (3.7 m)	9 ft (2.7 m)	7 ft (2.1 m)
80W / 3.3A	109 ft (33.2 m)	49 ft (14.9 m)	25 ft (7.6 m)	16 ft (4.9 m)	11 ft (3.4 m)	8 ft (2.4 m)	7 ft (2.1 m)
85W / 3.5A	103 ft (31.4 m)	46 ft (14.0 m)	23 ft (7.0 m)	15 ft (4.6 m)	10 ft (3.0 m)	8 ft (2.4 m)	6 ft (1.8 m)
90W / 3.8A	97 ft (29.6 m)	44 ft (13.4 m)	22 ft (6.7 m)	15 ft (4.6 m)	10 ft (3.0 m)	7 ft (2.1 m)	6 ft (1.8 m)
96W / 4.0A	91 ft (27.7 m)	41 ft (12.5 m)	21 ft (6.4 m)	14 ft (4.3 m)	9 ft (2.7 m)	7 ft (2.1 m)	6 ft (1.8 m)