

LNE-50 MX

4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES

Project _____

Location _____

Quote/ Ref # _____

The **LNE-50 MX** Series is a high performance flexible and affordable LED fixture designed as a neon replacement useful in a wide variety of indoor or outdoor applications where a smooth surface and continuous line of light is desired. It features combined color temperatures in one LED strip ranging from warm 22K to cool 50K.



SPECIFICATIONS

INPUT VOLTAGE	24V DC Constant Voltage
POWER CONSUMPTION	4.4W/Ft.
LUMEN OUTPUT	300 Lm/Ft.
CRI	90+
COLOR TEMPERATURE	18K / 22K / 25K / 27K / 30K / 35K / 42K / 50K / 60K
DIMMING/ CONTROL	0-10V and DMX
MAXIMUM RUN LENGTH	32 Ft.
CUTTABLE	Every 1.97 in. (49.3mm)
STORAGE TEMPERATURE	-40°F ~176°F (-40°C ~ 80°C)
OPERATING TEMPERATURE	-4°F ~113°F (-20°C ~ 45°C)
BEAM ANGLE	120°
HUMIDITY	0-95% Non Condensing
IP RATING	IP54 (damp) or IP67 (wet)
CERTIFICATIONS	UL Listed
LUMEN MAINTENANCE	50,000 Hrs.

FEATURES

- High color consistency and smooth illumination
- Multiple CCT LED
- Continuous run length up to 32 Ft.
- Cuttable every 1.97" (49.3mm)
- Bottom, side and end feed options
- UL Listed (US and Canada)



MODEL	SURFACE	TEMP A	TEMP B	VOLT	LENGTH	IP RATING	POWER FEED	FEED LENGTH	
LNE50MX	TP Top Bend	18K	18K	24 24V DC	1'XX per Ft.	IP54* Damp	BF	HW3	
		1800K	1800K				Bottom Feed	3 Ft. Power Feed	
	SB Side Bend	22K	22K				IP67 Wet	SFL	HW10
		2200K	2200K					Side Feed Left	10 Ft. Power Feed
	25K	25K	SFR					HW15	
	2500K	2500K	Side Feed Right					15 Ft. Power Feed	
	27K	27K	EF					HW30	
	2700K	2700K							End Feed
	30K	30K	HW50						
	3000K	3000K						50 Ft. Power Feed	
35K	35K								
3500K	3500K								
42K	42K								
4200K	4200K								
50K	50K								
5000K	5000K								
60K	60K								
6000K	6000K								

*1 = Custom length per FT. (cuttable every 1.97")

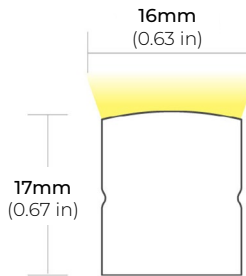
*Please see optional accessories on page 3

LNE-50 MX

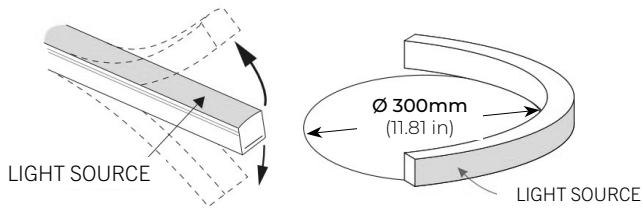
4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES

UPDATED: 04.24.26

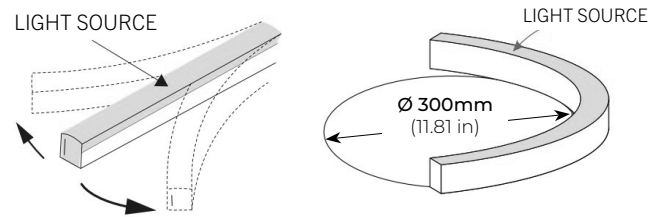
DIMENSIONS



LNE-50-TP (TOP BEND)



LNE-50-SB (SIDE BEND)



COMPATIBLE ACCESSORIES

SELF LOCKING ALUMINUM PROFILE

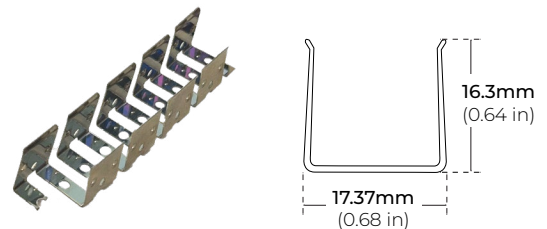
LNE-AC2
2" PROFILE

LNE-AC39
39" PROFILE



FLEXIBLE DUAL BEND ALUMINUM CHANNEL

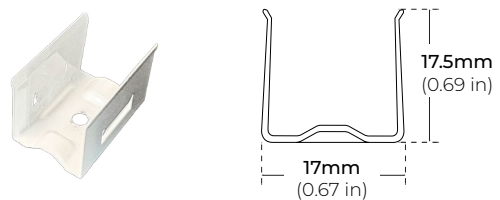
LNES50-AFX
39" CHANNEL



MOUNTING ACCESSORIES

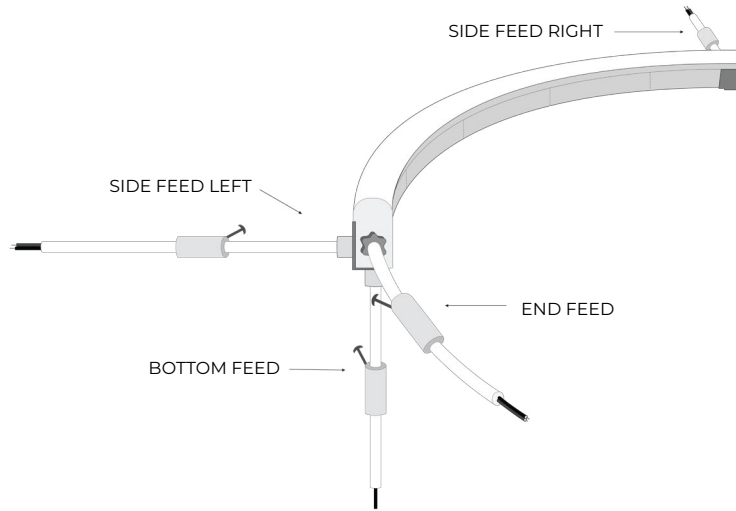
LNES50-CL
1" MOUNTING CLIP

* Set of 2



LNE-50 MX

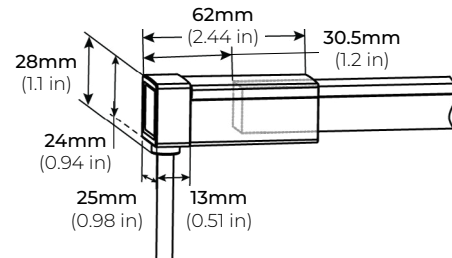
4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES



POWER FEED (IP54)

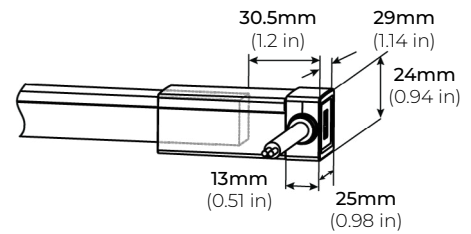
BF
BOTTOM FEED

LNE-IP54-BF-HW3 3 FT. BOTTOM FEED (IP54)



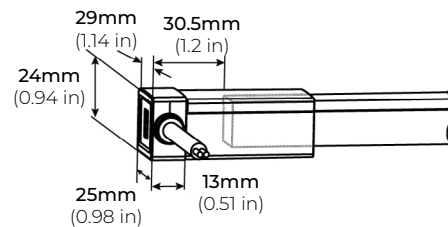
SFL
SIDE LEFT FEED

LNE-IP54-SFL-HW3 3 FT. SIDE FEED LEFT (IP54)



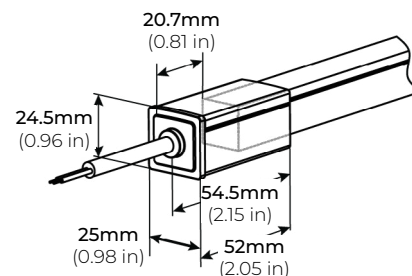
SFR
SIDE RIGHT FEED

LNE-IP54-SFR-HW3 3 FT. SIDE FEED RIGHT (IP54)



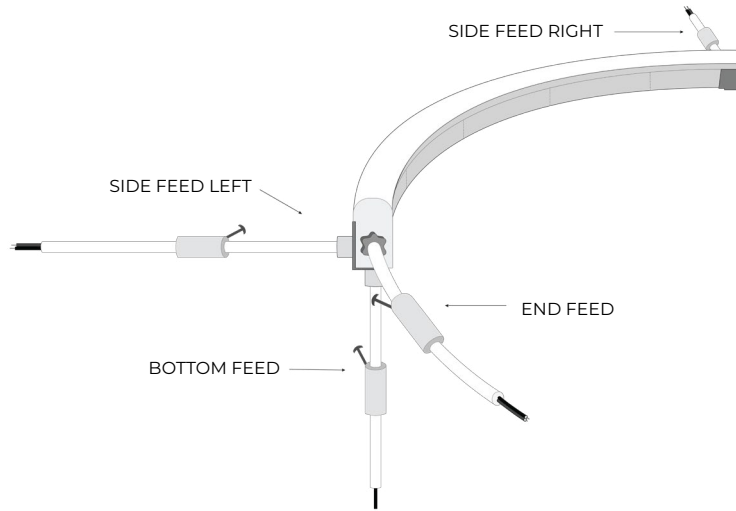
EF
END FEED

LNE-IP54-EF-HW3 3 FT. END FEED (IP54)
LNE-IP54-EF-HW10 10 FT. END FEED (IP54)



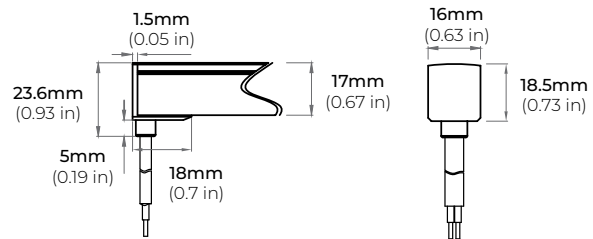
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4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES

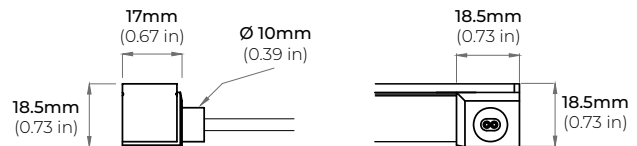


POWER FEED (IP67)

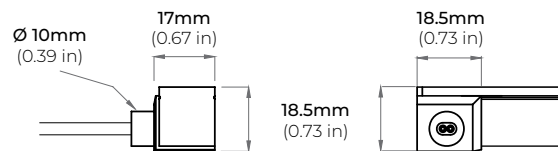
BF
BOTTOM FEED



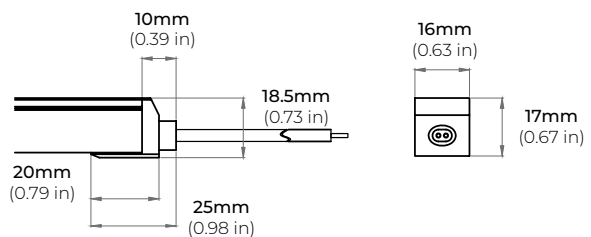
SFL
SIDE LEFT FEED



SFR
SIDE RIGHT FEED



EF
END FEED



LNE-50 MX

4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES

COMPATIBLE 0-10V DIMMING MODULE

0-10V Dimming modules require a non-dimming driver.
Please refer to page 7 for compatible options.

PSDE-TW2-010-CT 0-10V CONTROL

INPUT VOLTAGE	8-48V DC
INPUT CURRENT	5.1A MAX (per channel)
INPUT CONTROL	2
OUTPUT CURRENT	5A
MAX OUTPUT POWER	240W
DIMENSIONS	LxWxH (3.86" X 1.73" X 0.57")



BASIC CONTROLLERS

All controllers require a paired receiver and a Non-Dimming Driver.
Please refer to page 7 for compatible options.

RGB-CT820 BLUETOOTH TOUCH PANEL WALL CONTROLLER

INPUT VOLTAGE	12-24V DC
ZONES	4
CONTROL MODE	Color Tuning
WIRELESS PROTOCOL	Bluetooth 5.0 SIG Mesh
WORKING TEMP	-20°C ~ 55°C
DIMENSIONS	LxWxH (4.7"x3"x1.2")

* Paired with RGB-CT800-RC (Sold Separately)



RGB-CT800-RC BLUETOOTH CONSTANT VOLTAGE LED RECEIVER

INPUT VOLTAGE	12V 24V
OUTPUT CURRENT	4Ax5CH / 5Ax4CH (20A Max)
POWER CAPACITY	240W (12V) 480W (24V)
PROGRAMMABILITY	iOS and Android
WORKING TEMP	-20°C ~ 55°C
DIMENSIONS	LxWxH (6.9 x 1.7 x 1.2")

* Paired with RGB-CT820 (Sold Separately)



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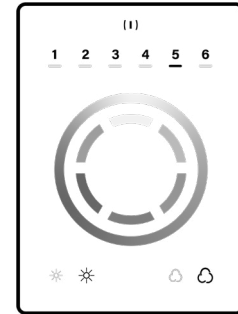
4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES

DMX CONTROLLERS

All DMX Controllers require a DMX Decoder and Non-Dimming Driver.
Please refer to page 7 for compatible options.

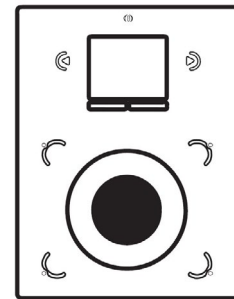
RGB-SCW4 WiFi DMX WALL CONTROLLER

INPUT VOLTAGE	5 - 10V DC, 0.6A
OUTPUT SIGNAL	DMX512 (x2)
PROGRAMMABILITY	PC/ MAC
COLOR OPTIONS	Black/ White
CONNECTIONS	USB/ 8dry contact ports/ Open drain output (for relay)
MEMORY	Built-In Flash
WORKING TEMP	-10°C ~ 45°C
DIMENSIONS	LxWxH (5.75"x4.17"x0.43")



RGB-SDE3 WiFi DMX WALL CONTROLLER

INPUT VOLTAGE	6V DC, 0.6A
OUTPUT SIGNAL	DMX512 (x2)
PROGRAMMABILITY	PC/ MAC/ Tablet/ Smartphone
COLOR OPTIONS	Black/ White
CONNECTIONS	USB/ Ethernet/ RS232/ CLock/ 8dry contact ports/ 5V output relay
MEMORY	MicroSD Card
WORKING TEMP	-20°C ~ 40°C
DIMENSIONS	LxWxH (5.75"x4.17"x0.43")

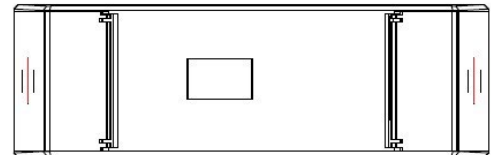


DMX DECODERS

All DMX Decoders require a DMX Controller and Non-Dimming Driver.
Please refer to page 7 for compatible options.

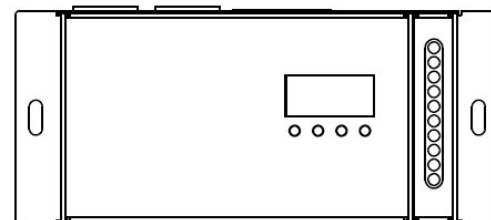
RGB-DMX-4C-RJ45 4-CHANNEL DMX DECODER

INPUT VOLTAGE	12V-24V DC
OUTPUT CURRENT	5A X 4CH
OUTPUT WATTAGE	60W(12V), 120W(24V)
OUTPUT CHANNELS	4
DIMENSIONS	LxWxH (7"x1.77"x0.75")



RGB-DMX-5C-XLR 5-CHANNEL DMX DECODER

INPUT VOLTAGE	12V-24V DC
OUTPUT CURRENT	8A X 5CH
OUTPUT WATTAGE	5 x (96W ~ 192W)
OUTPUT CHANNELS	5
DIMENSIONS	LxWxH (6.45"x2.87"x1.5")



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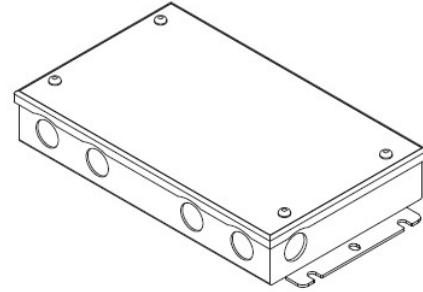
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COMPATIBLE NON-DIMMING DRIVERS

PSHK SERIES

NON-DIMMING CONSTANT VOLTAGE WITH JUNCTION BOX

PSHK-30W-24V	CLASS 2	6.5" X 3.6" X 1.02"
PSHK-60W-24V	CLASS 2	7.4" X 3.62" X 1.02"
PSHK-96W-24V	CLASS 2	8.66" X 3.66" X 1.61"
PSHK-150W-24V		10.24" X 4.06" X 1.81"
PSHK-200W-24V		10.24" X 4.06" X 1.81"
PSHK-288W-24V	CLASS 2	11.85" X 4.25" X 1.82"
PSHK-300W-24V		10.24" X 4.25" X 1.81"

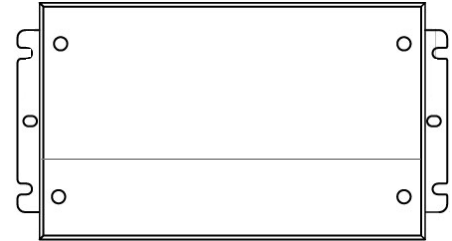


COMPATIBLE DALI DIMMING DRIVERS

PSDE-96W-24V-UNV-DALI-2-DT8

DALI-2 DIMMING DRIVER

CLASS 2	Yes
INPUT VOLTAGE	100-277V AC
INPUT CURRENT	1.25A MAX
OUTPUT CURRENT	4A
MAX OUTPUT POWER	96W
DIMENSIONS	LxWxH (9.52" x 4.88" x 1.6")



* Non-dimming driver not required.