

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)

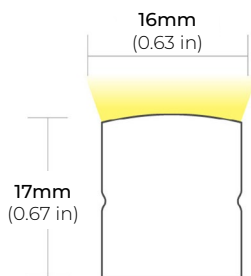


MODEL	SURFACE	TEMP A	TEMP B	VOLT	LENGTH	IP RATING	POWER FEED	FEED LENGTH
LNE50MX	TP Top Bend	18K 1800K	18K 1800K	24 24V DC	1'XX per Ft.	IP54* Damp	BF Bottom Feed	HW3 3 Ft. Power Feed
		22K 2200K	22K 2200K				SFL Side Feed Left	HW10 10 Ft. Power Feed
	SB Side Bend	25K 2500K	25K 2500K			IP67 Wet	SFR Side Feed Right	HW15 15 Ft. Power Feed
		27K 2700K	27K 2700K				EF End Feed	HW30 30 Ft. Power Feed
		30K 3000K	30K 3000K					HW50 50 Ft. Power Feed
		35K 3500K	35K 3500K					
		42K 4200K	42K 4200K					
		50K 5000K	50K 5000K					
		60K 6000K	60K 6000K					
					*1 = Custom length per FT. (cuttable every 1.97")		*Please see optional accessories on page 3	

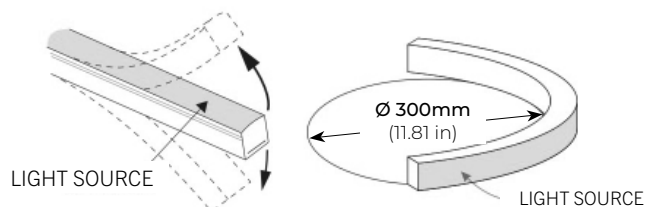
LNE-50 MX

4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES

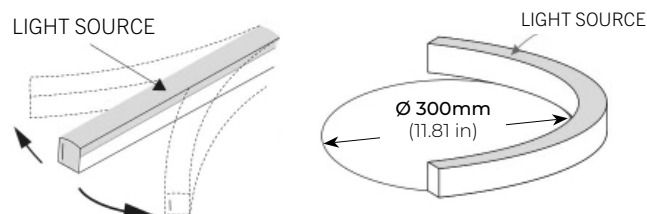
DIMENSIONS



LNE-50-TP (TOP BEND)



LNE-50-SB (SIDE BEND)



COMPATIBLE ACCESSORIES

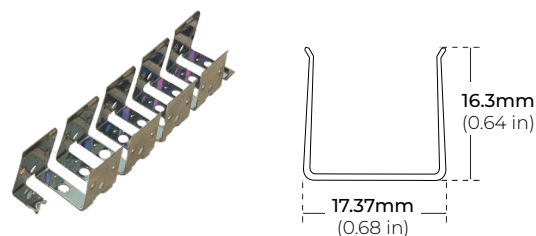
SELF LOCKING ALUMINUM PROFILE

LNE50-AC39
39" PROFILE



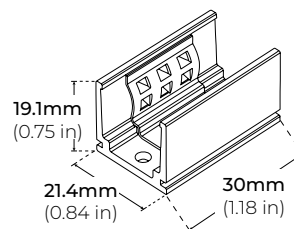
FLEXIBLE DUAL BEND ALUMINUM CHANNEL

LNE50-AFX
39" CHANNEL



MOUNTING ACCESSORIES

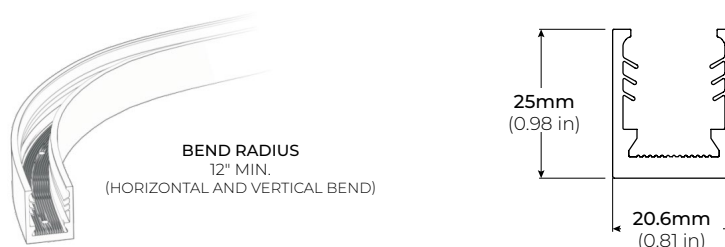
LNE50-AC2
MOUNTING CLIP



FLEXIBLE PROFILE

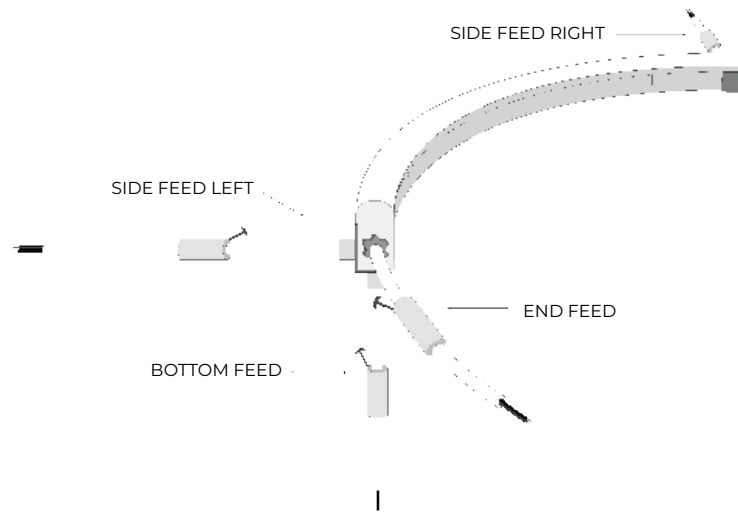
LNT65-SPX39-WH
39" PROFILE (WHITE)

LNT65-SPX39-BK
39" PROFILE (BLACK)



LNE-50 MX

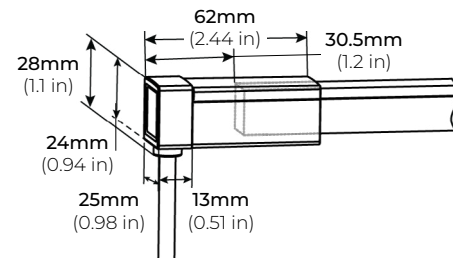
4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES



POWER FEED (IP54)

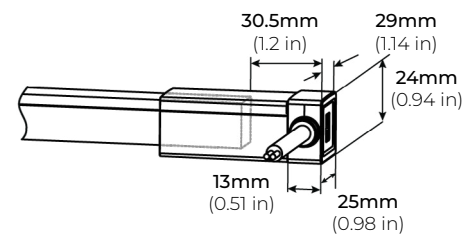
BF BOTTOM FEED

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



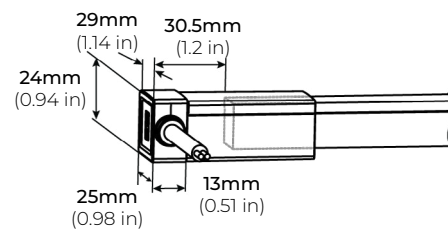
SFL SIDE LEFT FEED

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



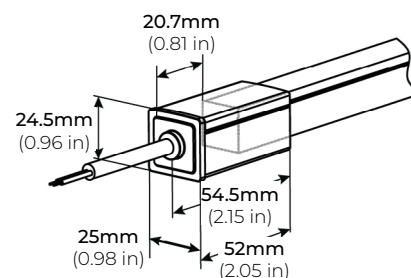
SFR SIDE RIGHT FEED

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



EF END FEED

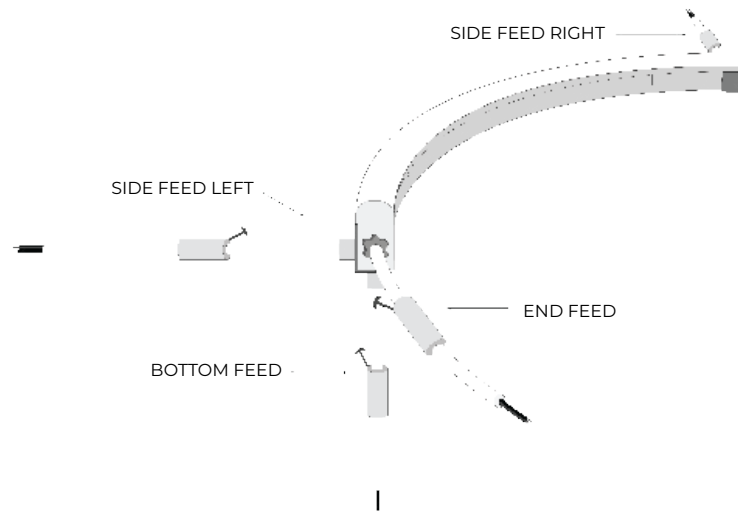
LNE-IP54-EF-HW3 3 FT. END FEED (IP54)
LNE-IP54-EF-HW10 10 FT. END FEED (IP54)



LNE-50 MX

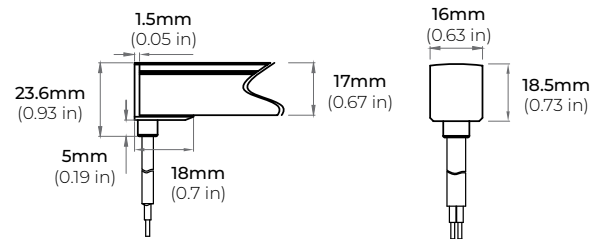
4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES

UPDATED: 07.09.26

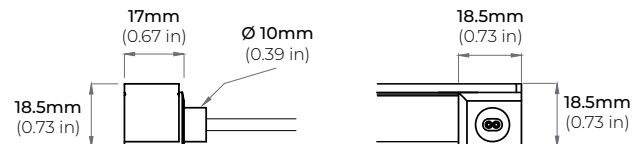


POWER FEED (IP67)

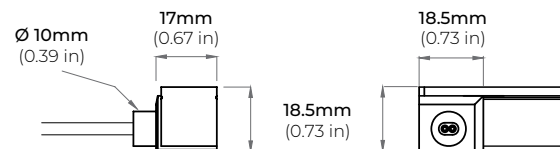
BF
BOTTOM FEED



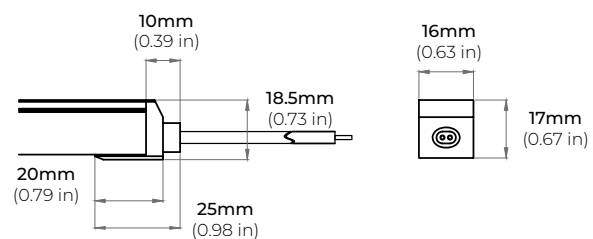
SFL
SIDE LEFT FEED



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 x1.7 x 1.2")

* Paired with RGB-CT820 (Sold Separately)



LNE-50 MX

4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES

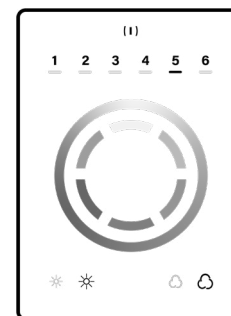
DMX CONTROLLERS

*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

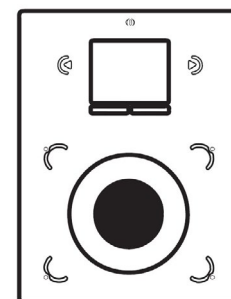
INPUT VOLTAGE	5 - 10V DC, 06A
OUTPUT SIGNAL	DMX512 (x2)
PROGRAMMABILITY	PC/ MAC
COLOR OPTIONS	Black/ White
CONNECTIONS	USB/ 8dry contact ports/ Open drain output (for relay)
MEMORY	Built-In Flash
WORKING TEMP	-10°C ~ 45°C
DIMENSIONS	LxWxH (5.75"x4.17"x0.43")



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")



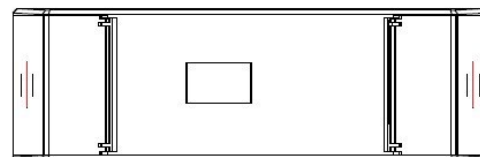
DMX DECODERS

*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

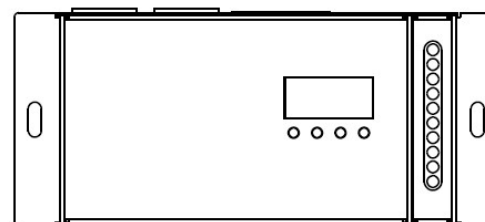
INPUT VOLTAGE	12V-24V DC
OUTPUT CURRENT	5A X 4CH
OUTPUT WATTAGE	60W(12V), 120W(24V)
OUTPUT CHANNELS	4
DIMENSIONS	LxWxH (7"x1.77"x0.75")



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")



LNE-50 MX

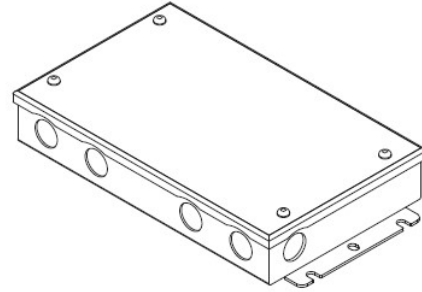
4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES

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"

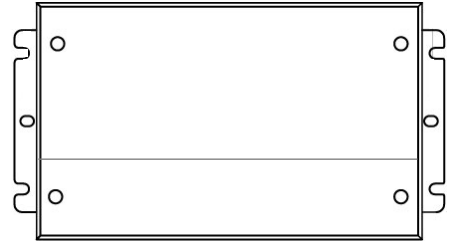


COMPATIBLE DALI DIMMING DRIVERS

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.