

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	
		SB Side Bend	22K 2200K				22K 2200K	IP67 Wet	SFL Side Feed Left
	25K 2500K		25K 2500K				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							

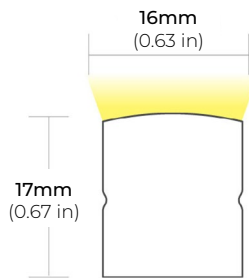
*1 = Custom length per FT. (cuttable every 1.97")

*Please see optional accessories on page 3

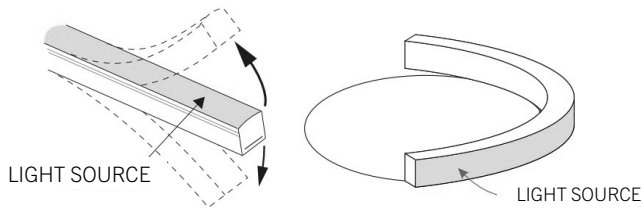
LNE-50 MX

4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES

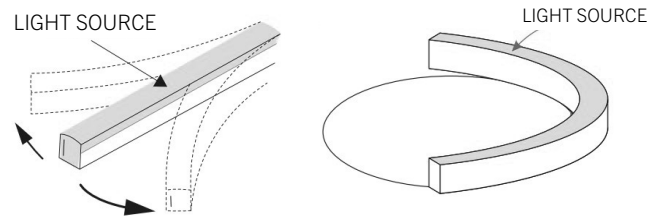
DIMENSIONS



LNE-50-TP (TOP BEND)



LNE-50-SB (SIDE BEND)



COMPATIBLE ACCESSORIES

SELF LOCKING ALUMINUM PROFILE

LNE-AC2
2" PROFILE

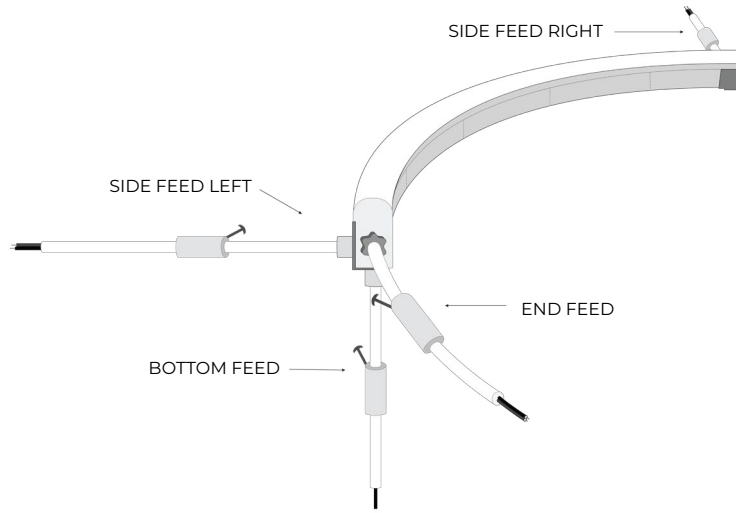
LNE-AC39
39" PROFILE



LNE-50 MX

4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES

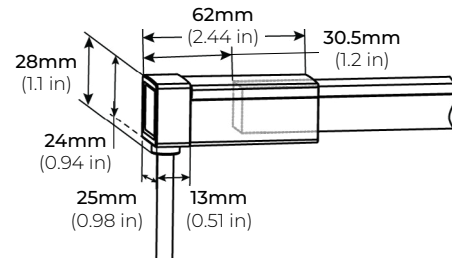
UPDATED: 02.24.25



POWER FEED (IP54)

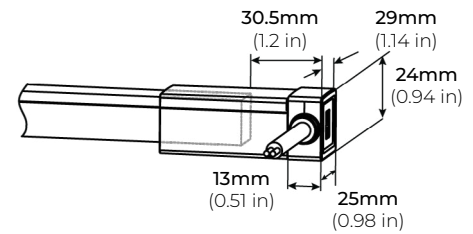
BF
BOTTOM FEED

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



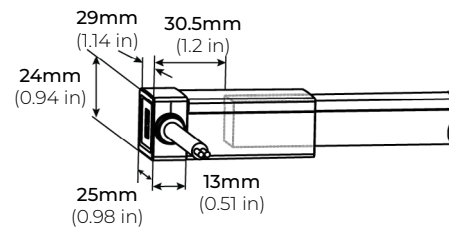
SFL
SIDE LEFT FEED

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



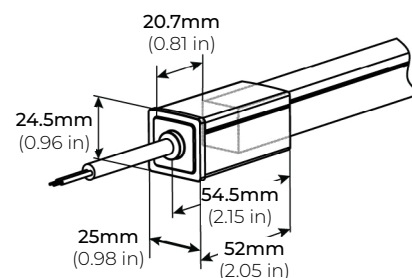
SFR
SIDE RIGHT FEED

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



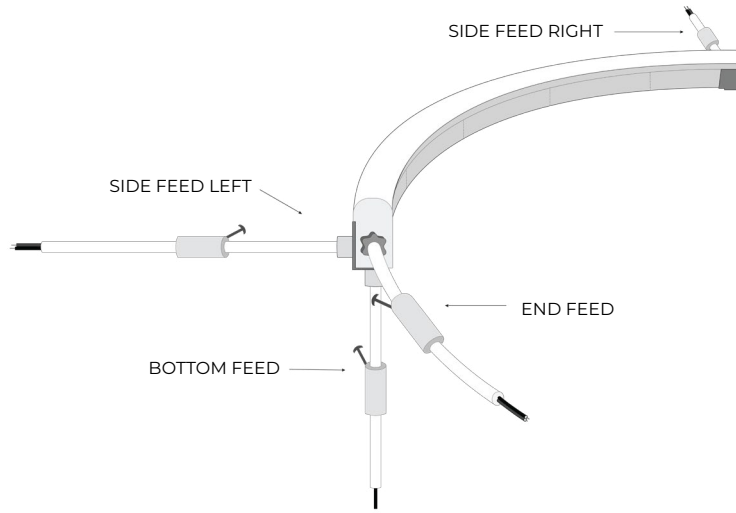
EF
END FEED

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



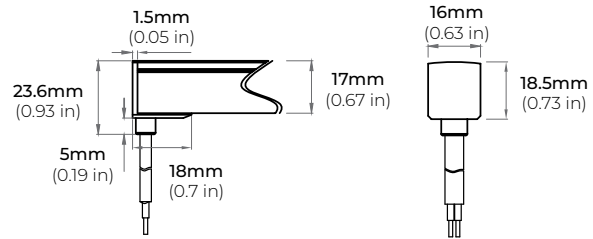
LNE-50 MX

4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES

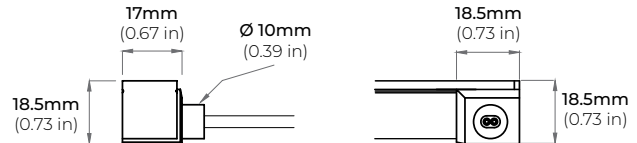


POWER FEED (IP67)

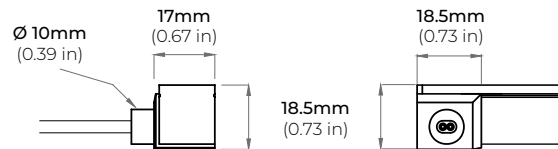
BF
BOTTOM FEED



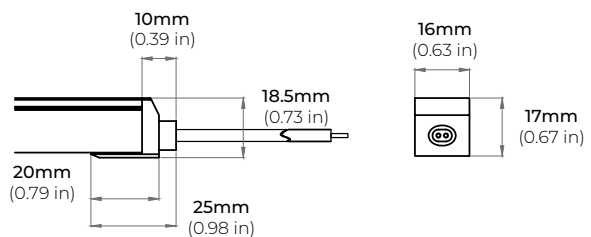
SFL
SIDE LEFT FEED



SFR
SIDE RIGHT FEED



EF
END FEED



LNE-50 MX

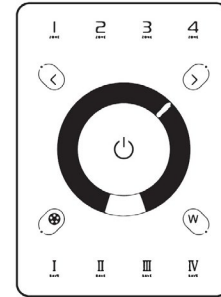
4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES

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DMX CONTROLLERS

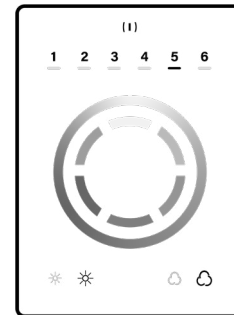
RGB CT600
MULTI-FUNCTION RGBW WALL CONTROLLER

INPUT VOLTAGE 5V DC, 1A
OUTPUT SIGNAL RF 2.4GHZ + DMX512
CONTROL 4 ZONES
COLOR OPTIONS Black/ White
WORKING TEMP -20°C ~ 40°C
DIMENSIONS LxWxH (5.19"x7.08"x1.38")



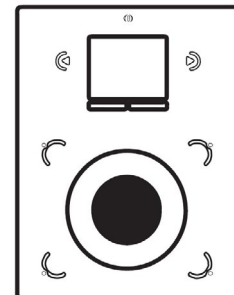
RGB-SCW4
WiFi DMX WALL CONTROLLER

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")



LNE-50 MX

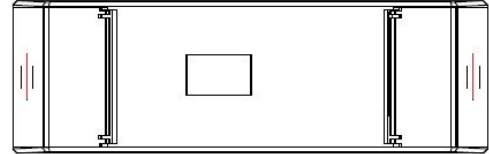
4.4W COLOR-TUNING CCT FLEXIBLE LED NEON SERIES

UPDATED: 02.24.25

DMX DECODERS

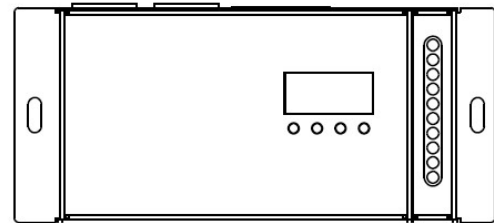
RGB-DMX-4C-RJ45 4-CHANNEL DMX DECODER

INPUT VOLTAGE 12V-24V DC
OUTPUT CURRENT 8A X 4CH
OUTPUT WATTAGE 4 x (96W ~ 288W)
OUTPUT CHANNELS 4
DIMENSIONS LxWxH (6.5"x2.38"x1.27")



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

UPDATED: 02.24.25

COMPATIBLE 0-10V DIMMING MODULE

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

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)*



NON-DIMMING DRIVERS (COMPATABLE WITH ALL SYSTEMS)

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"

