

LNE-50 RGBW

5.3W COLOR CHANGING+ WHITE FLEXIBLE LED NEON SERIES

Project _____
Location _____
Quote/ Ref # _____

LNE-50 RGBW 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 is a flexible strip light that can bend around contours or tight curves horizontally or vertically without being damaged.



SPECIFICATIONS

INPUT VOLTAGE	24V DC Constant Voltage
POWER CONSUMPTION	5.3W per Ft.
LUMEN OUTPUT	149Lm/ Ft.
CRI	90+
COLOR TEMPERATURE	RGB+27K/ RGB+30K/ RGB+40K
DIMMING/ CONTROL	Through DMX Controller
MAXIMUM RUN LENGTH	16 Ft.
CUTTABLE	Every 3.2" (83mm)
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
- RGB color changing + white
- Continuous run length up to 16 Ft.
- Cuttable every 3.2" (83mm)
- Bottom, side and end feed options
- UL Listed (US and Canada)



MODEL	SURFACE	COLOR TEMP	VOLT	LENGTH	IP RATING	POWER FEED	FEED LENGTH
LNE50	TP Top Bend	RGBW27K RGB+2700K	24 24V DC	'XX per Ft.	IP54* Damp	BF Bottom Feed	HW3 3 Ft. Power Feed
	SB Side Bend	RGBW30K RGB+3000K				SFL Side Feed Left	HW10 10 Ft. Power Feed
	RGBW40K RGB+4000K	SFR Side Feed Right				HW15 15 Ft. Power Feed	
						EF End Feed	HW30 30 Ft. Power Feed
							HW50 50 Ft. Power Feed

*1 = Custom length per FT. (cuttable every 3.2")

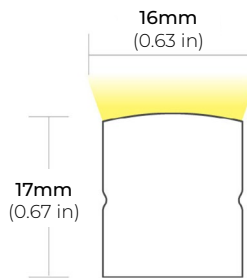
*Please see optional accessories on page 3

LNE-50 RGBW

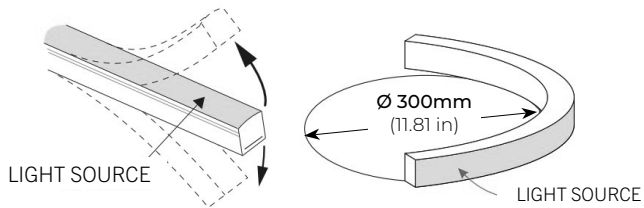
5.3W COLOR CHANGING+ WHITE FLEXIBLE LED NEON SERIES

UPDATED: 06.04.25

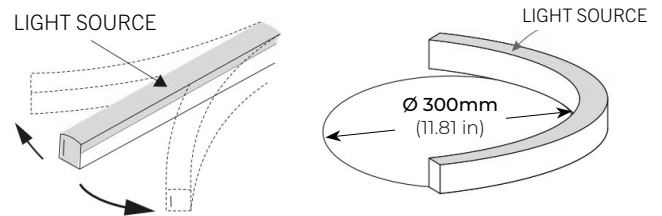
DIMENSIONS



LNE-50-TP (TOP BEND)



LNE-50-SB (SIDE BEND)



COMPATIBLE ACCESSORIES

SELF LOCKING ALUMINUM PROFILE

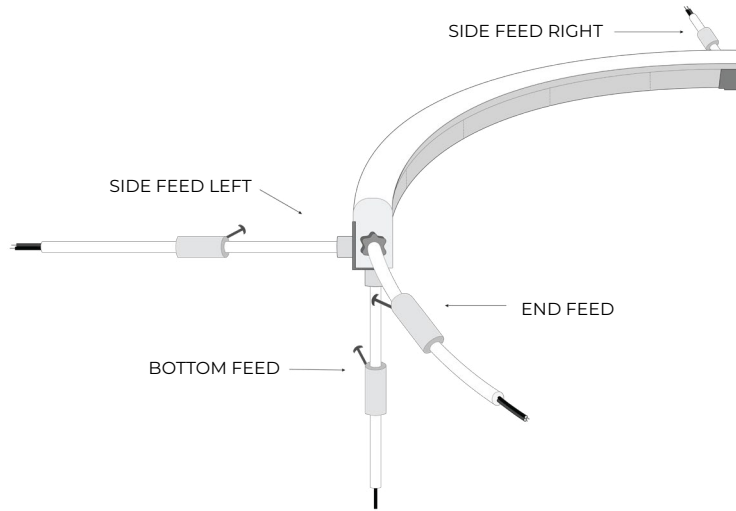
LNE-AC2
2" PROFILE

LNE-AC39
39" PROFILE



LNE-50 RGBW

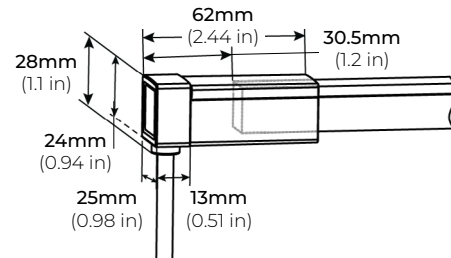
5.3W COLOR CHANGING+ WHITE FLEXIBLE LED NEON SERIES



POWER FEED (IP54)

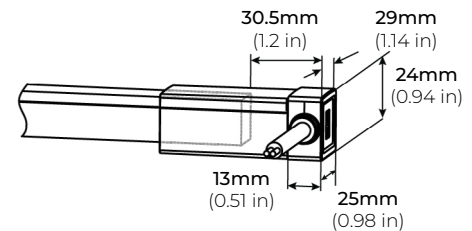
BF
BOTTOM FEED

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



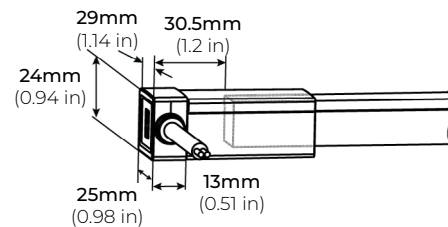
SFL
SIDE LEFT FEED

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



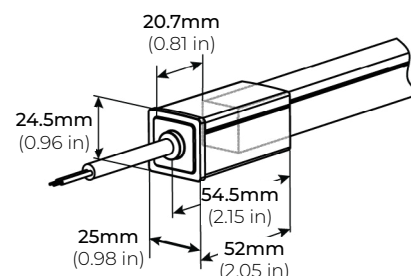
SFR
SIDE RIGHT FEED

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



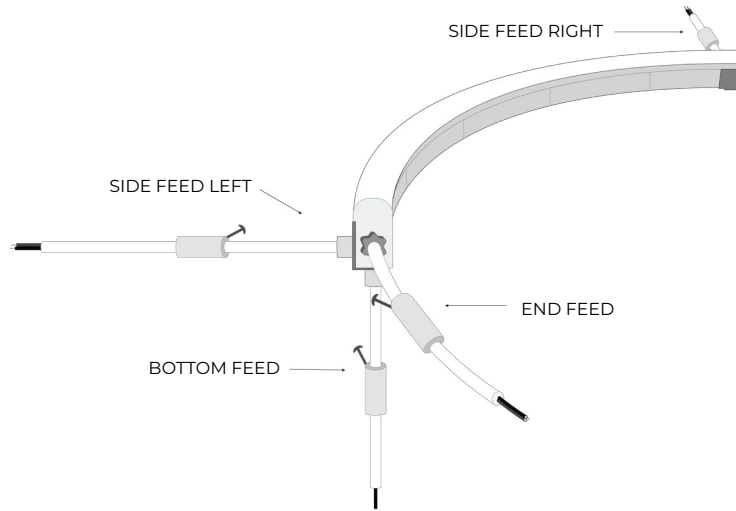
EF
END FEED

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



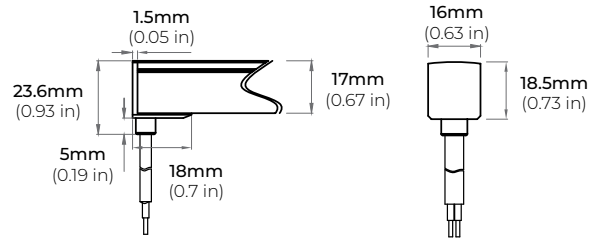
LNE-50 RGBW

5.3W COLOR CHANGING+ WHITE FLEXIBLE LED NEON SERIES

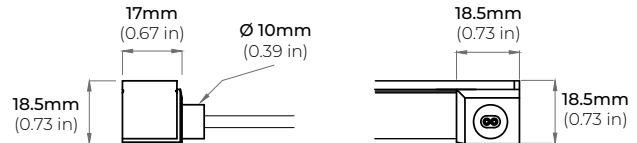


POWER FEED (IP67)

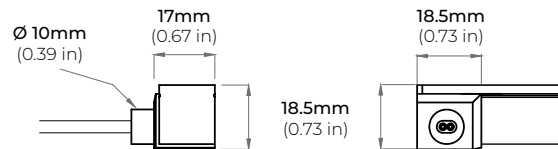
BF
BOTTOM FEED



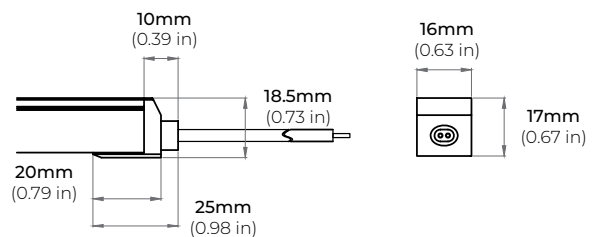
SFL
SIDE LEFT FEED



SFR
SIDE RIGHT FEED



EF
END FEED



LNE-50 RGBW

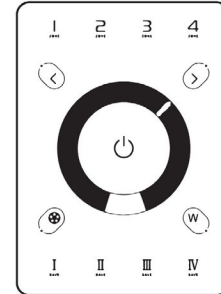
5.3W COLOR CHANGING+ WHITE FLEXIBLE LED NEON SERIES

DMX CONTROLLERS

All DMX Controllers require a DMX Decoder. Please see page 6 for compatible options.

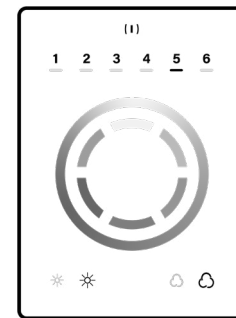
RGB CT600 MULTI-FUNCTION RGBW WALL CONTROLLER

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")



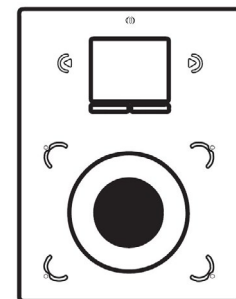
RGB-SCW4 WiFi DMX WALL CONTROLLER

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 RGBW

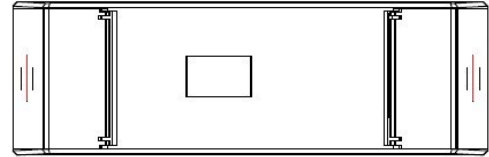
5.3W COLOR CHANGING+ WHITE FLEXIBLE LED NEON SERIES

DMX DECODERS

All DMX Decoders require a DMX Controller. Please see page 5 for compatible options.

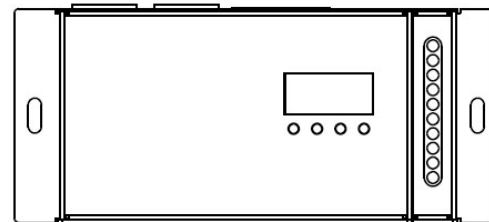
RGB-DMX-4C-RJ45 4-CHANNEL DMX DECODER

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 RGBW

5.3W COLOR CHANGING+ WHITE FLEXIBLE LED NEON SERIES

UPDATED: 06.04.25

NON-DIMMING DRIVERS (COMPATIBLE 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"

