

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	145 Lm/ Ft. (TB) 169 Lm/ Ft. (SB)
CRI	90+
COLOR TEMPERATURE	RGB+27K/ RGB+30K/ RGB+40K
DIMMING/ CONTROL	Through DMX Controller
MAXIMUM RUN LENGTH	16 Ft.
CUT INTERVALS	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.
- Bottom, side and end feed options
- UL Listed (US and Canada)

*This product is factory-cut only. Do not field modify.



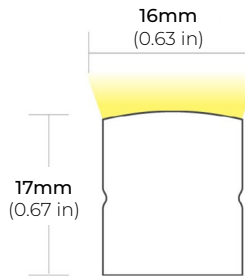
MODEL	SURFACE	COLOR TEMP	VOLT	LENGTH	IP RATING	POWER FEED	FEED LENGTH	
LNE50	TP Top Bend	RGBW27K RGB+2700K	24 24V DC	1XX per Ft.	IP54* Damp	BF Bottom Feed	HW3 3 Ft. Power Feed	
	SB Side Bend	RGBW30K RGB+3000K				IP67 Wet	SFL Side Feed Left	HW10 10 Ft. Power Feed
						SFR Side Feed Right	HW15 15 Ft. Power Feed	
							EF End Feed	HW30 30 Ft. Power Feed
								HW50 50 Ft. Power Feed
				*1 = Custom length per FT. (cut point every 3.2") [Do not Field Modify]	*Please see optional accessories on page 3			

LNE-50 RGBW

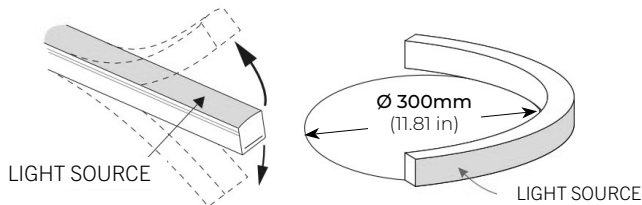
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UPDATED: 08.24.26

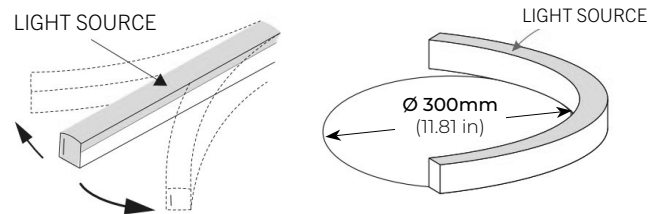
DIMENSIONS



LNE-50-TP (TOP BEND)



LNE-50-SB (SIDE BEND)



COMPATIBLE ACCESSORIES

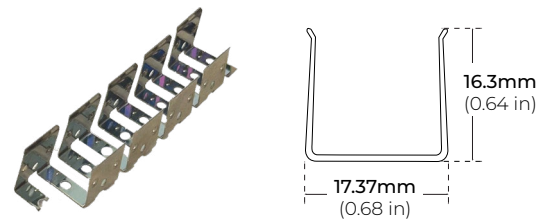
SELF LOCKING ALUMINUM PROFILE

LNE50-AC39
39" PROFILE



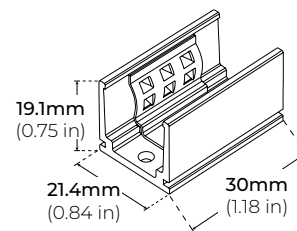
FLEXIBLE DUAL BEND ALUMINUM CHANNEL

LNE50-AFX
39" CHANNEL



MOUNTING ACCESSORIES

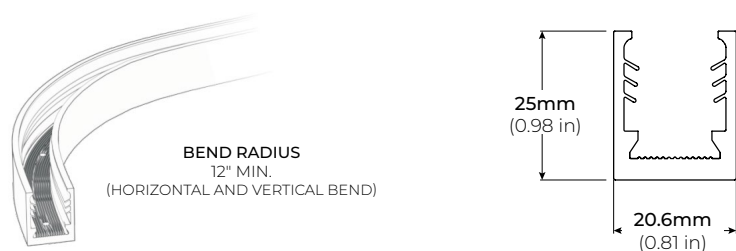
LNE50-AC2
MOUNTING CLIP



FLEXIBLE PROFILE

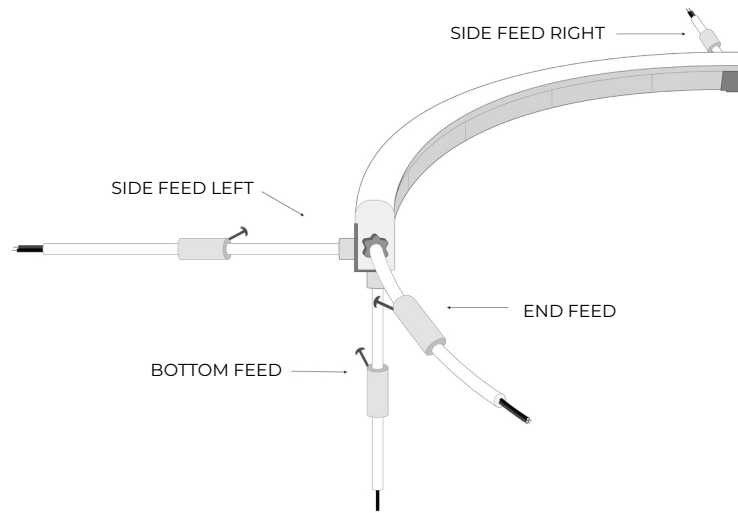
LNT65-SPX39-WH
39" PROFILE (WHITE)

LNT65-SPX39-BK
39" PROFILE (BLACK)



LNE-50 RGBW

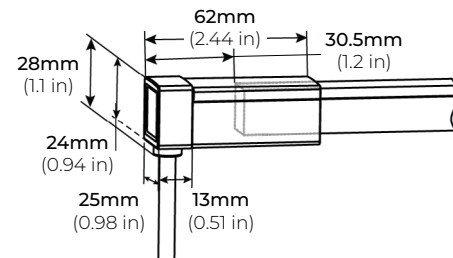
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POWER FEED (IP54)

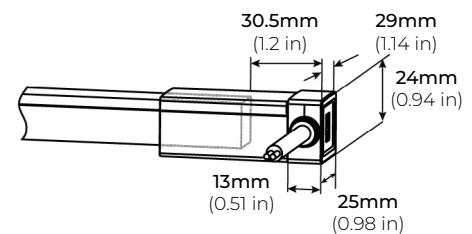
BF
BOTTOM FEED

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



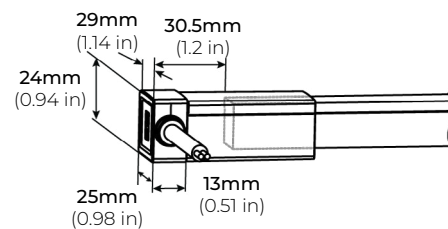
SFL
SIDE LEFT FEED

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



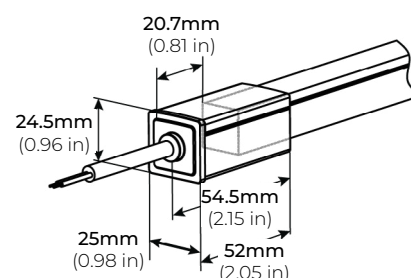
SFR
SIDE RIGHT FEED

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



EF
END FEED

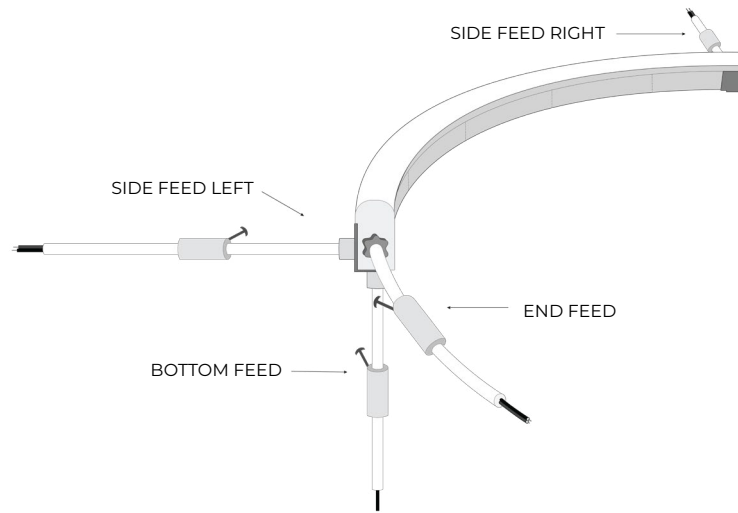
LNE-IP54-EF-HW3 3 FT. END FEED (IP54)
LNE-IP54-EF-HW10 10 FT. END FEED (IP54)



LNE-50 RGBW

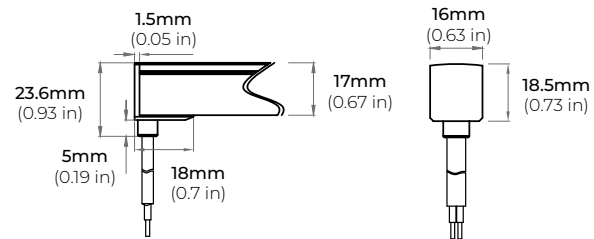
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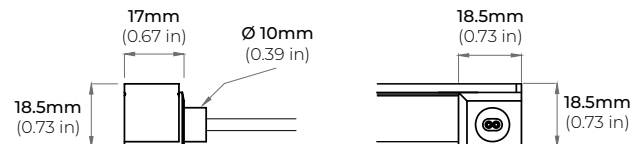


POWER FEED (IP67)

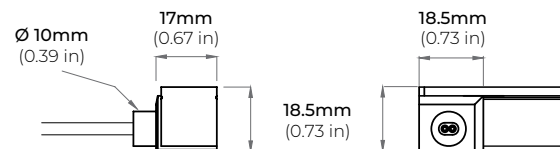
BF
BOTTOM FEED



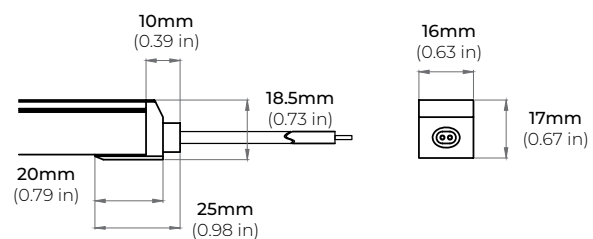
SFL
SIDE LEFT FEED



SFR
SIDE RIGHT FEED



EF
END FEED



LNE-50 RGBW

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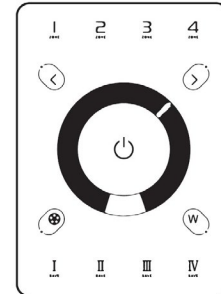
DMX CONTROLLERS

All DMX Controllers require a DMX Decoder and Non-Dimming Driver.
Please refer for page 6 for compatible options.

RGB CT600

MULTI-FUNCTION RGBW WALL CONTROLLER

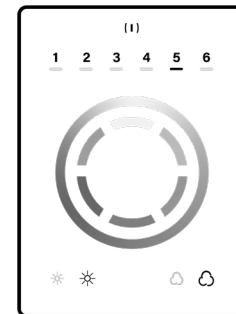
INPUT VOLTAGE	5V DC, 1A
OUTPUT SIGNAL	RF 2.4GHZ + DMX512
CONTROL	4 ZONES
COLOR OPTIONS	Black/ White
WORKING TEMP	-20°C ~ 40°C
DIMENSIONS	LxWxH (5.19"x7.08"x1.38")



RGB-SCW4

WiFi DMX WALL CONTROLLER

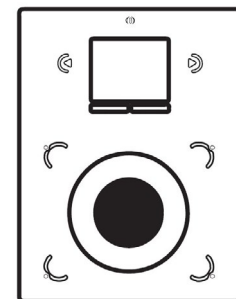
INPUT VOLTAGE	5 - 10V DC, 06A
OUTPUT SIGNAL	DMX512 (x2)
PROGRAMMABILITY	PC/ MAC
COLOR OPTIONS	Black/ White
CONNECTIONS	USB/ 8dry contact ports/ Open drain output (for relay)
MEMORY	Built-In Flash
WORKING TEMP	-10°C ~ 45°C
DIMENSIONS	LxWxH (5.75"x4.17"x0.43")



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")



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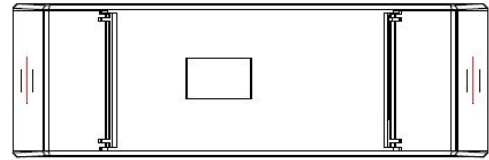
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DMX DECODERS

All DMX Decoders require a DMX Controller and Non-Dimming Driver.
Please refer for page 5 for compatible options.

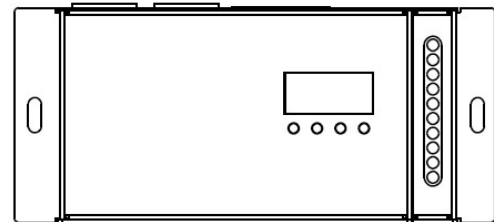
RGB-DMX-4C-RJ45 4-CHANNEL DMX DECODER

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")



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"

