

LNE50DX-RGBW

6W DIGITAL FLEXIBLE LED NEON SERIES

Project _____

Location _____

Quote/ Ref # _____

LNE50DX-RGBW 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	6W/Ft.
LUMEN OUTPUT	130Lm/ Ft.
CRI	90+
COLOR TEMPERATURE	RGB+27K/ RGB+30K/ RGB+40K
DIMMING/ CONTROL	Through DMX Controller
MAXIMUM RUN LENGTH	16 Ft.
CUTTABLE	Every 4" (101.6mm)
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 / IP67
CERTIFICATIONS	UL Listed
LUMEN MAINTENANCE	50,000 Hrs.

FEATURES

- High color consistency and smooth illumination
- Multiple CCT options available
- Continuous run length up to 16 Ft.
- Cuttable every 4" (101.6mm)
- Bottom, side and end feed options
- UL Listed (US and Canada)



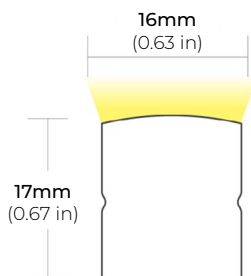
MODEL	SURFACE	COLOR TEMP	VOLT	LENGTH	IP RATING	POWER FEED	FEED LENGTH
LNE50DX	TP Top Bend	RGBW27K RGB+2700K	24 24V DC	1'XX per Ft.	IP54* Damp	BF Bottom Feed	HW3 3 Ft. Power Feed
	SB Side Bend	RGBW30K RGB+3000K				SFL Side Feed Left	HW10 10 Ft. Power Feed
		RGBW40K RGB+4000K				SFR Side Feed Right	HW15 15 Ft. Power Feed
						EF End Feed	HW30 30 Ft. Power Feed
				*1 = Custom length per FT. (cuttable every 4")	*Please see optional accessories on page 3		

LNE50DX-RGBW

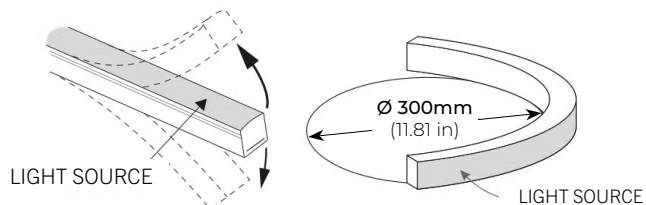
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UPDATED: 06.04.25

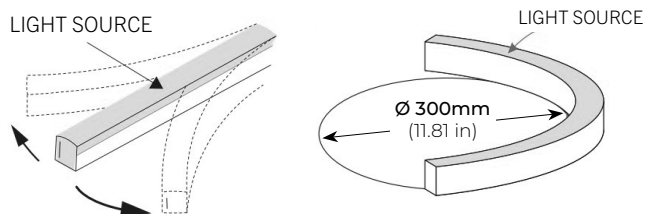
DIMENSIONS



LNE-50-TP (TOP BEND)



LNE-50-SB (SIDE BEND)



COMPATIBLE ACCESSORIES

SELF LOCKING ALUMINUM PROFILE

LNE-AC2
2" PROFILE

LNE-AC39
39" PROFILE

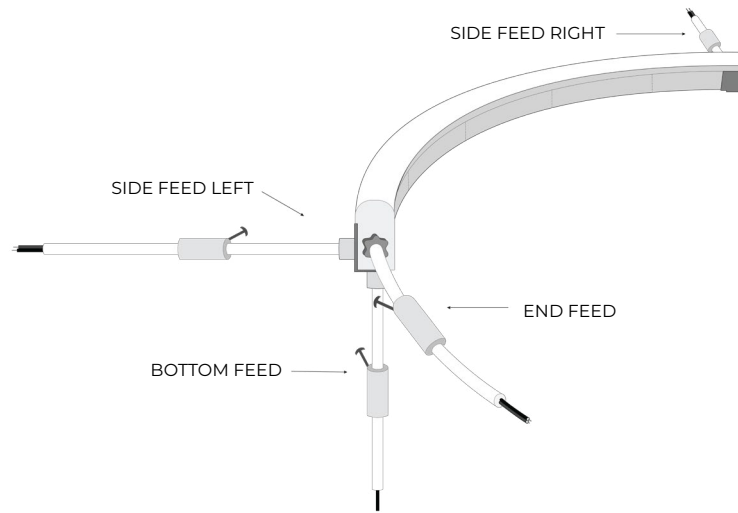


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CORE
ARCHITECTURAL
LIGHTING

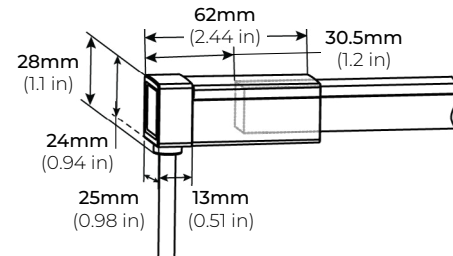
UPDATED: 06.04.25



POWER FEED (IP54)

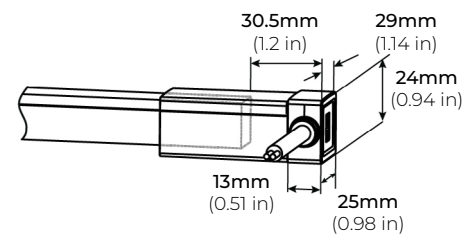
BF
BOTTOM FEED

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



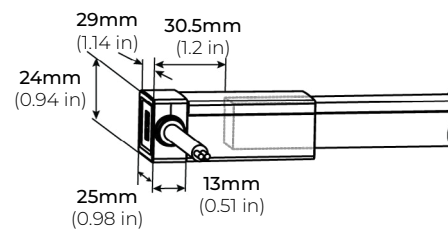
SFL
SIDE LEFT FEED

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



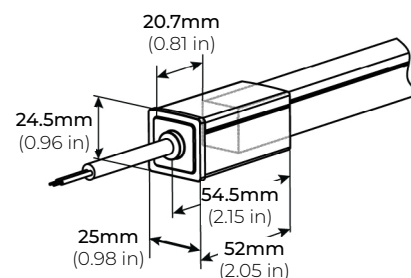
SFR
SIDE RIGHT FEED

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)

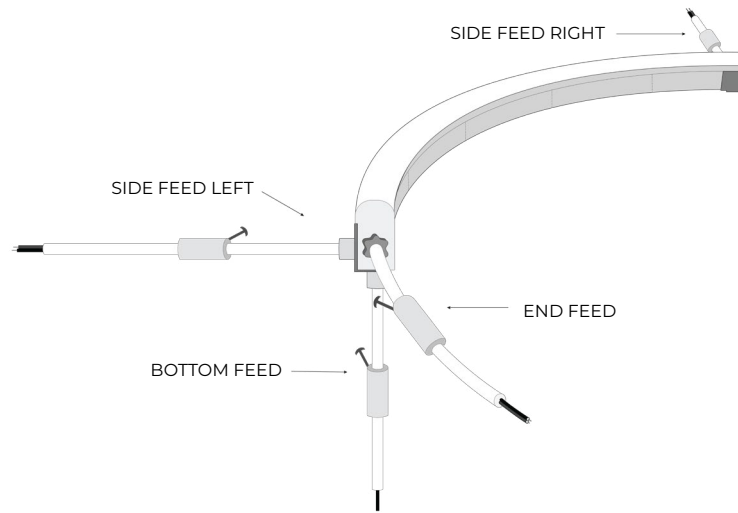


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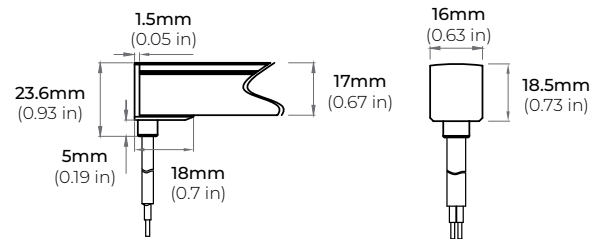
CORE
ARCHITECTURAL
LIGHTING

UPDATED: 06.04.25

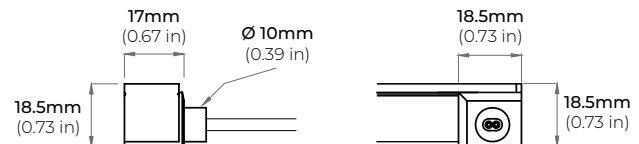


POWER FEED (IP67)

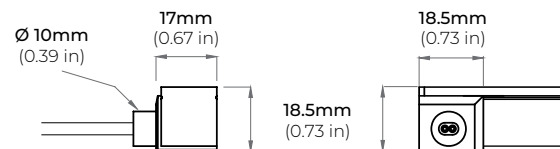
BF
BOTTOM FEED



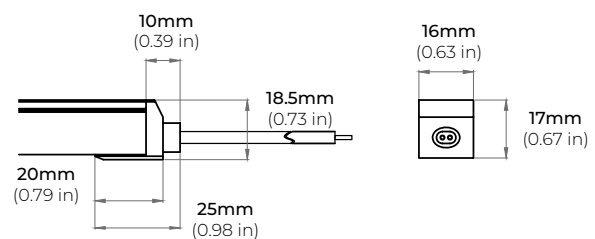
SFL
SIDE LEFT FEED



SFR
SIDE RIGHT FEED



EF
END FEED



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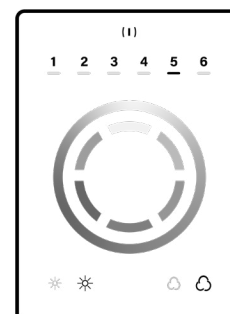
DMX CONTROLLERS

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

RGB-SCW4

WiFi DMX WALL CONTROLLER

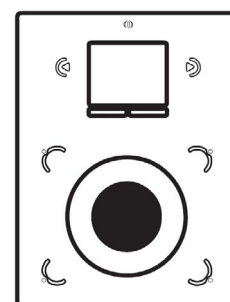
INPUT VOLTAGE	5 - 10V DC, 06A
OUTPUT SIGNAL	DMX512 (x2)
PROGRAMMABILITY	PC/ MAC
COLOR OPTIONS	Black/ White
CONNECTIONS	USB/ 8dry contact ports/ Open drain output (for relay)
MEMORY	Built-In Flash
WORKING TEMP	-10°C ~ 45°C
DIMENSIONS	LxWxH (5.75"x4.17"x0.43")



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")



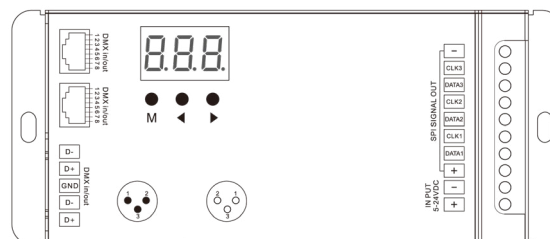
DMX DECODERS

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

DMX-SPI-XLR

DIGITAL DMX DECODER

INPUT VOLTAGE	5V-24V DC
INPUT SIGNAL	DMX512 + RF 2.4GHz
OUTPUT SIGNAL	SPI (TTL) x 3
OUTPUT CHANNELS	RGB 510
DIMENSIONS	LxWxH (6.5"x2.8"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"

