

# LNE-50-RGBW-PIXEL

## 6W Digital Flexible LED Neon Series



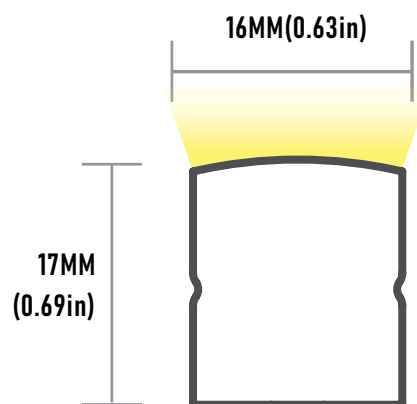
The LNE50 Series is a high performance flexible and affordable LED fixture designed as a neon replacement useful in a wide variety of indoor or outdoor applications where a smooth surface and continuous line of light is desired. It is a flexible strip light that can bend around contours or tight curves horizontally or vertically without being damaged.

### FEATURES

- High color consistency and smooth illumination
- Multiple CCT options available
- Continuous run length up to 16 Ft.
- Cuttable every 4.0" (100mm)
- Bottom, side and end feed options

### SPECIFICATIONS

<b>INPUT VOLTAGE</b>	24V DC Constant Voltage
<b>POWER CONSUMPTION</b>	6.0W per Ft.
<b>LUMEN OUTPUT</b>	130 Lumens per Ft.
<b>BEAM ANGLE</b>	120°
<b>CRI</b>	90+
<b>DIMMING</b>	thru DMX controller
<b>MAXIMUM RUN LENGTH</b>	16 Ft.
<b>MINIMUM CUTTING LENGTH</b>	Every 4.0" (100mm)
<b>IP RATING</b>	IP67 / IP68
<b>LUMEN MAINTENANCE</b>	50,000 Hours
<b>LED CHIP</b>	NICHIA
<b>OPERATING TEMPERATURE</b>	-4°F ~113°F (-20°C ~ 45°C)
<b>STORAGE TEMPERATURE</b>	-40°F ~176°F (-40°C ~ 80°C)
<b>HUMIDITY</b>	0-95% Non Condensing
<b>CERTIFICATIONS</b>	UL Listed / UL-676 (IP68)
<b>DIMENSIONS</b>	Width x Depth: 0.63" x 0.67"



**Warranty valid with Core Lighting Dedicated Power Supplies**

# LNE-50-RGBW-PIXEL

## 6W Digital Flexible LED Neon Series



### STANDARD ORDERING GUIDE



Model	Light Surface	Color Temp	Voltage	Power Feed	Power Feed Length
LNE-50-RGBW-PIXEL	TP Top Bend	RGBW27K RGB+2700K	24V 24V DC	IP67BF Bottom Feed	HW3 3 Ft. Power Feed
		RGBW30K RGB+3000K		IP67SFL Side Feed Left	HW10 10 Ft. Power Feed
		RGBW40K RGB+4000K		IP67SFR Side Feed Right	HW15 15 Ft. Power Feed
		IP67EF End Feed		HW30 30 Ft. Power Feed	
		IP68BF Bottom Feed		HW50 50 Ft. Power Feed	
		IP68SFL Side Feed Left			
		IP68SFR Side Feed Right			
		IP68EF End Feed			

# LNE-50-RGBW-PIXEL

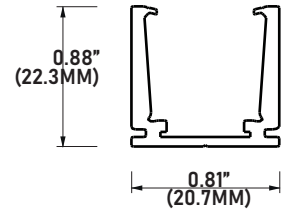
6W Digital Flexible LED Neon Series

## ACCESSORIES

### SELF LOCKING ALUMINUM PROFILE

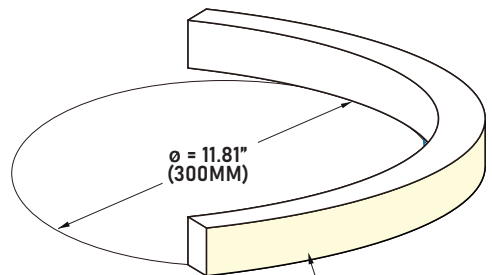
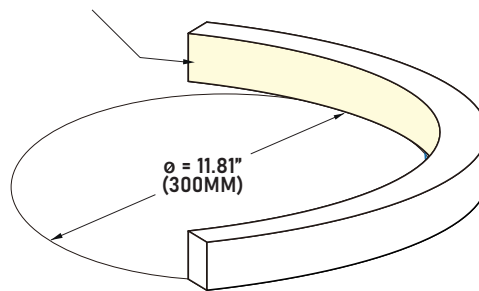
LNE-AC2  
2" Profile

LNTE-AC39  
39" Profile



## BEND RADIUS

### LIGHT SURFACE



LIGHT SURFACE

# LNE-50-RGBW-PIXEL

## 6W Digital Flexible LED Neon Series

### COMPATIBLE WALL CONTROLLERS

#### RGB CT600

MULTI-FUNCTION RGBW WALL CONTROLLER

**INPUT VOLTAGE**

5V DC, 1A

**OUTPUT SIGNAL**

RF 2.4GHz + DMX512

**CONTROL**

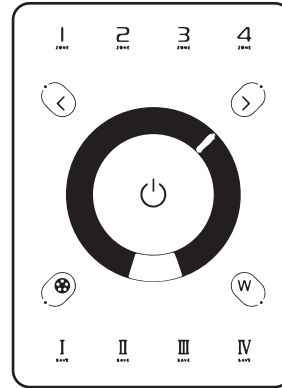
4 ZONES

**WORKING TEMP**

-20°C ~ 40°C

**DIMENSIONS**

LxWxH (5.19"x 7.08"x 1.38")



#### RGB-SDE3

MULTI-FUNCTION RGBW WALL CONTROLLER

**INPUT POWER**

6V DC 0.6A

**OUTPUT SIGNAL**

DMX512 (x2)

**PROGRAMMABILITY**

PC, MAC,  
Tablet, Smartphone

**AVAILABLE COLORS**

Black / White

**CONNECTIONS**

USB, Ethernet, RS232,  
Clock, 8dry contact ports,  
5V output relay

**MEMORY**

microSD card

**WORKING TEMP**

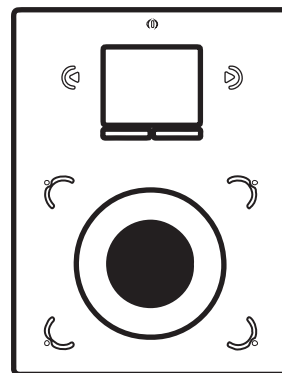
-10°C ~ 45°C

**WEIGHT (gross)**

247g

**DIMENSIONS**

LxWxH (5.75"x 4.17"x 0.43")



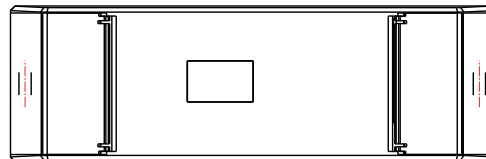
# LNE-50-RGBW-PIXEL

## 6W Digital Flexible LED Neon Series

### COMPATIBLE DMX RECEIVERS

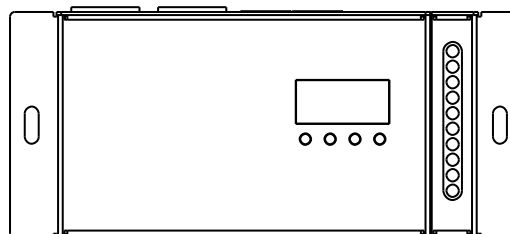
#### RGB-DMX-4C-RJ45 4-CHANNEL DMX DECODER

<b>INPUT</b>	12V - 24V DC
<b>OUTPUT CURRENT</b>	8A X 4CH
<b>OUTPUT POWER</b>	240W(12V), 720W (24V)
<b>OUTPUT CHANNELS</b>	3 or 4 selectable
<b>DIMENSIONS</b>	LxWxH (7"x 1.77"x 0.75")



#### RGB-DMX-5C-XLR 5-CHANNEL DMX DECODER

<b>INPUT</b>	12V-24V-36V DC
<b>OUTPUT VOLTAGE</b>	12V-24V DC
<b>OUTPUT CURRENT</b>	8A X 5CH
<b>OUTPUT WATTAGE</b>	5 x (96W ~ 192W)
<b>DIMENSIONS</b>	LxWxH (6.45"x 2.87"x 1.5")



# LNE-50-RGBW-PIXEL

## 6W Digital Flexible LED Neon Series

### COMPATIBLE NON-DIMMING DRIVERS

#### PSHK SERIES

NON-DIMMING CONSTANT VOLTAGE WITH JUNCTION BOX

<b>PSHK-30W-24V-UNV</b>	CLASS 2	6.5" X 3.6" X 1.02"
<b>PSHK-60W-24V-UNV</b>	CLASS 2	7.4" X 3.62" X 1.02"
<b>PSHK-96W-24V-UNV</b>	CLASS 2	8.66" X 3.66" X 1.61"
<b>PSHK-150W-24V-UNV</b>		10.24" X 4.06" X 1.81"
<b>PSHK-200W-24V-UNV</b>		10.24" X 4.06" X 1.81"
<b>PSHK-300W-24V-UNV</b>		10.94" X 4.25" X 1.81"

