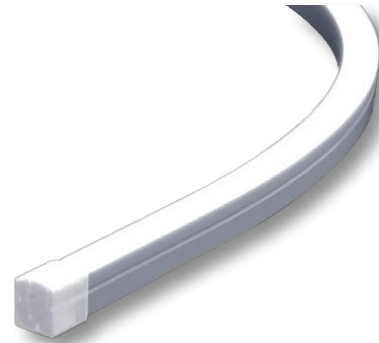


# LNE-50 RGB

## 5.3W COLOR CHANGING FLEXIBLE LED NEON SERIES

Project \_\_\_\_\_  
Location \_\_\_\_\_  
Quote/ Ref # \_\_\_\_\_

**LNE-50 RGB** 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          | 99Lm/ Ft.                   |
| CRI                   | 90+                         |
| COLOR TEMPERATURE     | RGB                         |
| DIMMING/ CONTROL      | Through DMX Controller      |
| MAXIMUM RUN LENGTH    | 16 Ft.                      |
| CUTTABLE              | Every 3.2 in. (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
- Continuous run length up to 16 Ft.
- Cuttable every 3.2" (83mm)
- Bottom, side and end feed options
- UL Listed



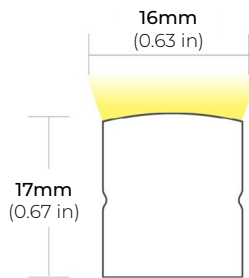
| MODEL | SURFACE         | COLOR TEMP | VOLT         | LENGTH         | IP RATING    | POWER FEED             | FEED LENGTH               |
|-------|-----------------|------------|--------------|----------------|--------------|------------------------|---------------------------|
| LNE50 | TP<br>Top Bend  | RGB<br>RGB | 24<br>24V DC | *XX<br>per Ft. | IP54<br>Damp | BF<br>Bottom Feed      | HW3<br>3 Ft. Power Feed   |
|       | SB<br>Side Bend |            |              |                |              | SFL<br>Side Feed Left  | HW10<br>10 Ft. Power Feed |
|       |                 |            |              |                |              | SFR<br>Side Feed Right | HW15<br>15 Ft. Power Feed |
|       |                 |            |              |                |              | EF<br>End Feed         | HW30<br>30 Ft. Power Feed |
|       |                 |            |              |                |              |                        | HW50<br>50 Ft. Power Feed |

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

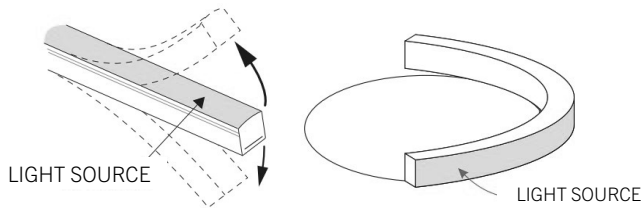
# LNE-50 RGB

## 5.3W COLOR CHANGING FLEXIBLE LED NEON SERIES

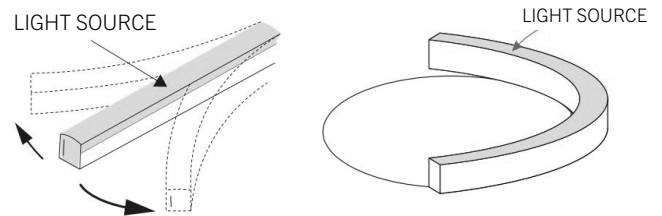
### DIMENSIONS



LNE-50-TP (TOP BEND)



LNE-50-SB (SIDE BEND)



### COMPATIBLE ACCESSORIES

#### SELF LOCKING ALUMINUM PROFILE

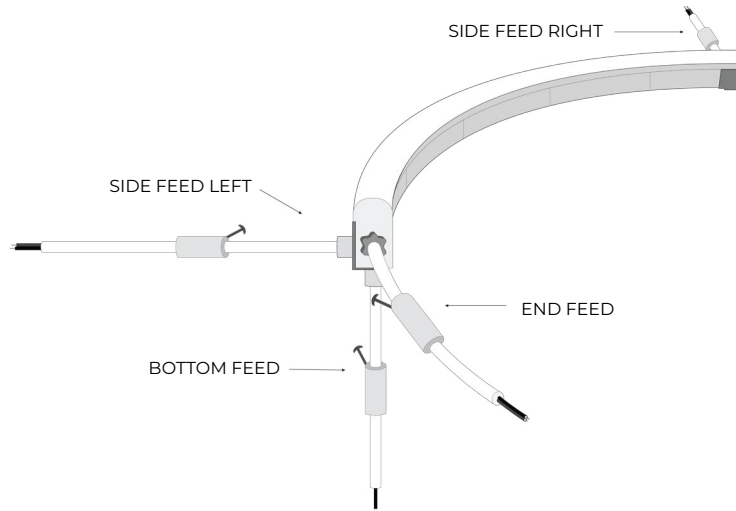
LNE-AC2  
2" PROFILE

LNE-AC39  
39" PROFILE



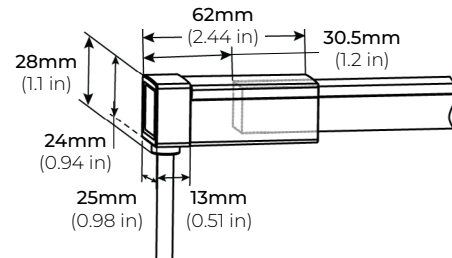
# LNE-50 RGB

## 5.3W COLOR CHANGING FLEXIBLE LED NEON SERIES

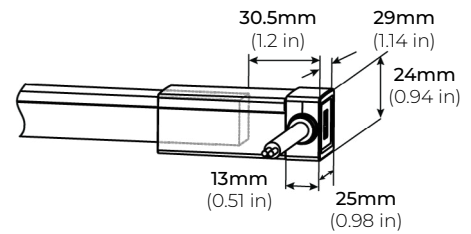


### POWER FEED (IP54)

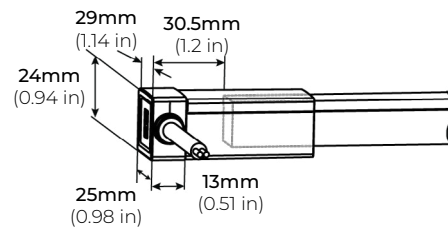
**BF**  
BOTTOM FEED



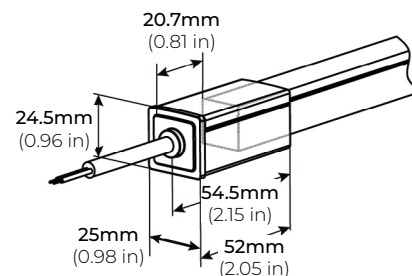
**SFL**  
SIDE LEFT FEED



**SFR**  
SIDE RIGHT FEED

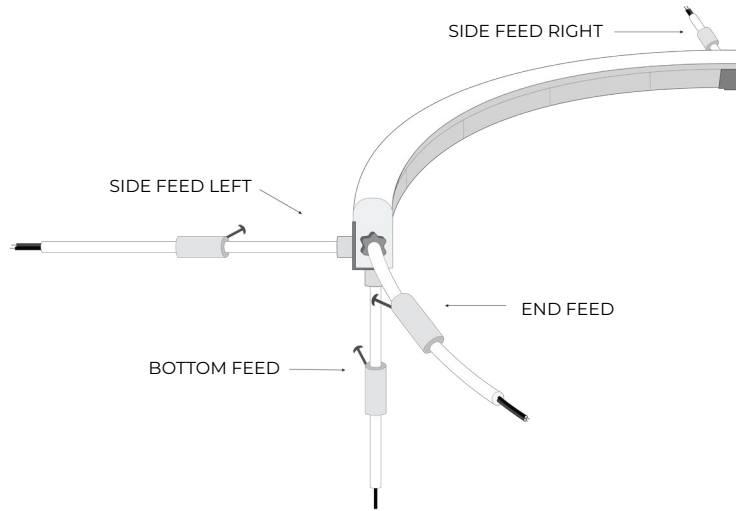


**EF**  
END FEED



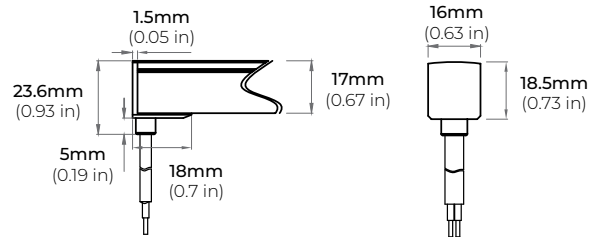
# LNE-50 RGB

## 5.3W COLOR CHANGING FLEXIBLE LED NEON SERIES

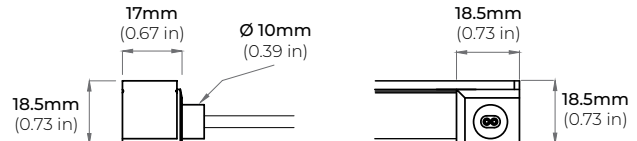


### POWER FEED (IP67)

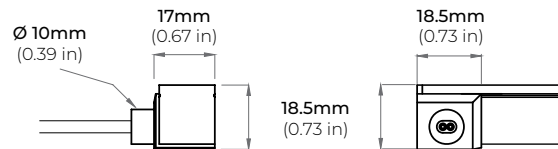
**BF**  
BOTTOM FEED



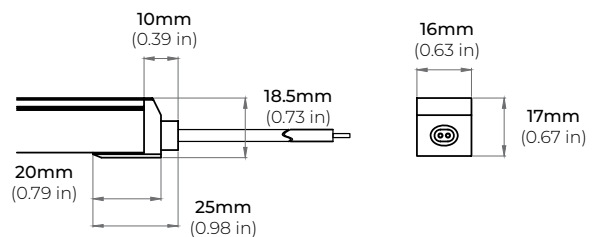
**SFL**  
SIDE LEFT FEED



**SFR**  
SIDE RIGHT FEED



**EF**  
END FEED



# LNE-50 RGB

## 5.3W COLOR CHANGING FLEXIBLE LED NEON SERIES

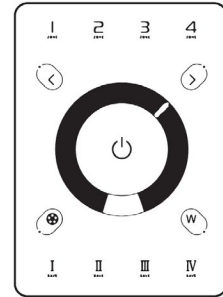
### DMX CONTROLLERS

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#### 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") |

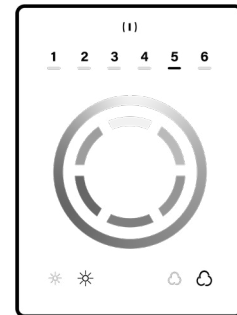


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#### RGB-SCW4

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")                              |

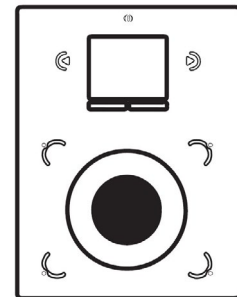


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#### RGB-SDE3

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 RGB

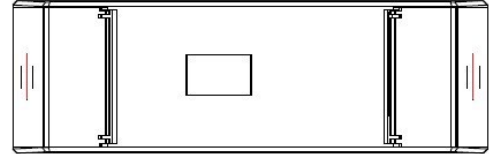
## 5.3W COLOR CHANGING FLEXIBLE LED NEON SERIES

### DMX DECODERS

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

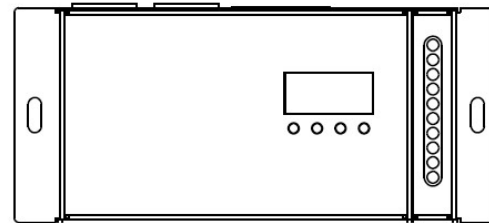
INPUT VOLTAGE 12V-24V DC  
OUTPUT CURRENT 5A X 4CH  
OUTPUT WATTAGE 60W(12V), 120W(24V)  
OUTPUT CHANNELS 4  
DIMENSIONS LxWxH (7"x1.77"x0.75")



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#### 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 RGB

## 5.3W COLOR CHANGING FLEXIBLE LED NEON SERIES

### 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" |

