

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



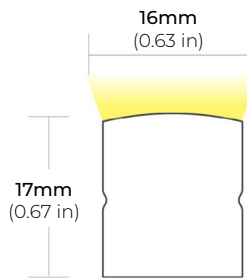
| MODEL | SURFACE | COLOR TEMP | VOLT | LENGTH | IP RATING | POWER FEED | FEED LENGTH | |
|---------|------------------------|-----------------------------|---------------------|----------------|---------------------|--------------------------|----------------------------------|----------------------------------|
| LNE50DX | 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 | | | | IP67 Wet | 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 4")

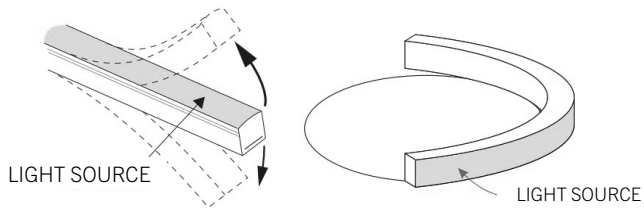
LNE50DX-RGBW

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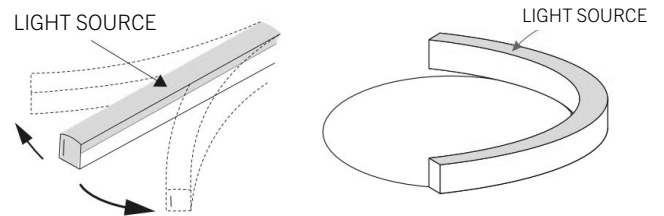
DIMENSIONS



LNE-50-TP (TOP BEND)



LNE-50-SB (SIDE BEND)



COMPATIBLE ACCESSORIES

SELF LOCKING ALUMINUM PROFILE

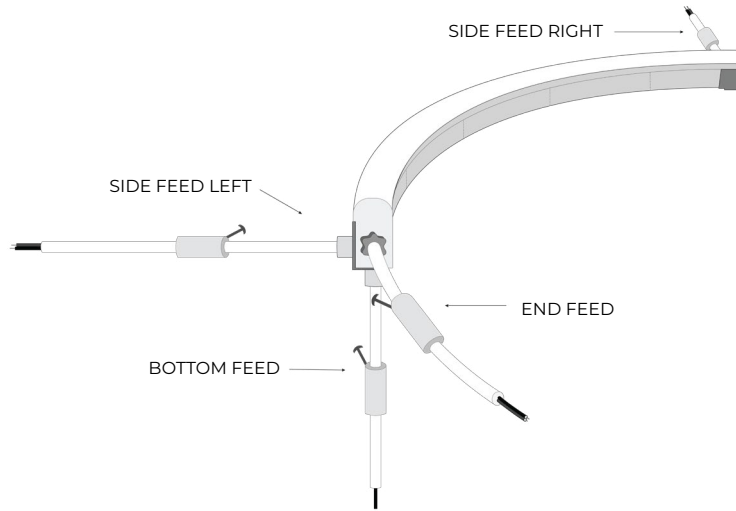
LNE-AC2
2" PROFILE

LNE-AC39
39" PROFILE



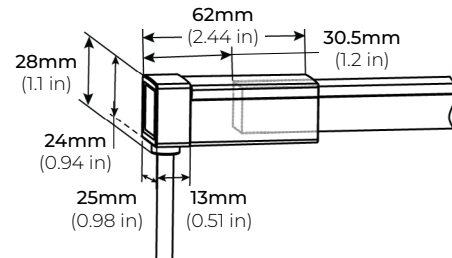
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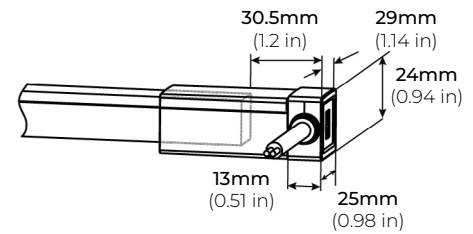


POWER FEED (IP54)

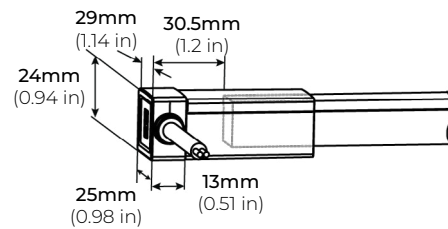
BF
BOTTOM FEED



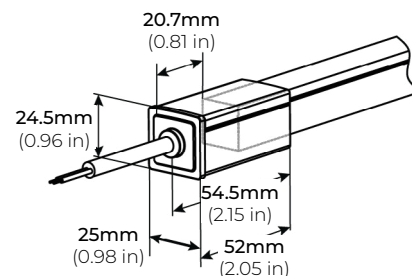
SFL
SIDE LEFT FEED



SFR
SIDE RIGHT FEED

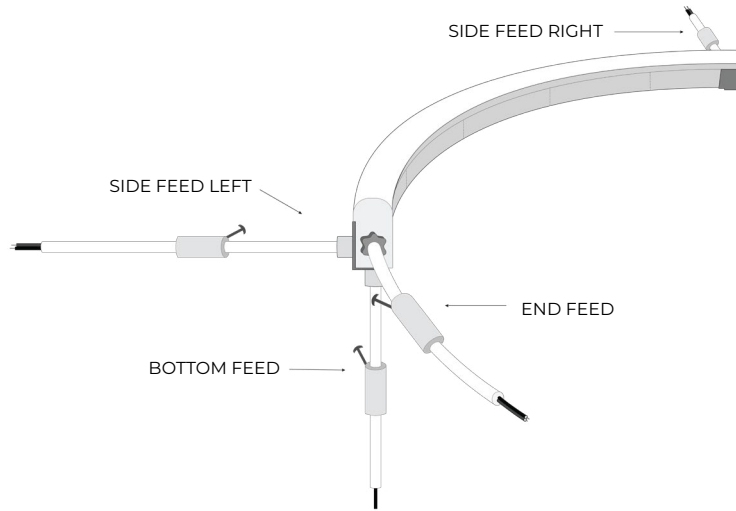


EF
END FEED



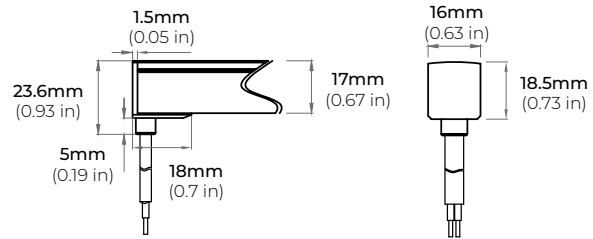
LNE50DX-RGBW

6W DIGITAL FLEXIBLE LED NEON SERIES

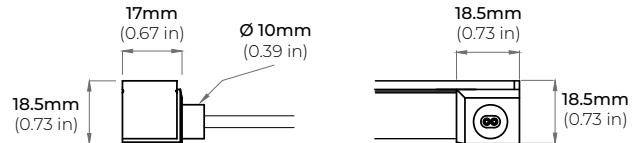


POWER FEED (IP67)

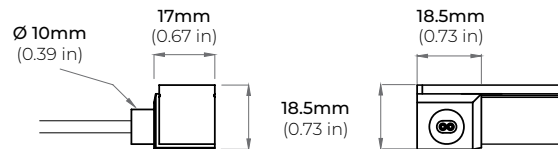
BF
BOTTOM FEED



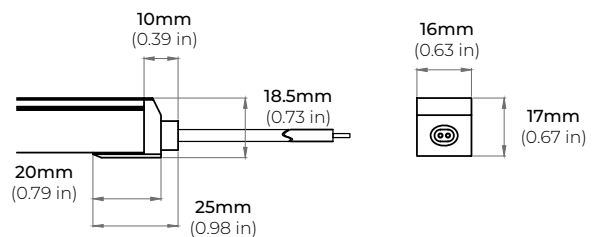
SFL
SIDE LEFT FEED



SFR
SIDE RIGHT FEED



EF
END FEED



LNE50DX-RGBW

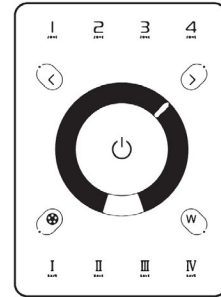
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DMX CONTROLLERS

RGB CT600

MULTI-FUNCTION RGBW WALL CONTROLLER

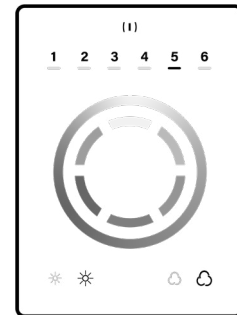
| | |
|---------------|---------------------------|
| INPUT VOLTAGE | 5V DC, 1A |
| OUTPUT SIGNAL | RF 2.4GHZ + DMX512 |
| CONTROL | 4 ZONES |
| COLOR OPTIONS | Black/ White |
| WORKING TEMP | -20°C ~ 40°C |
| DIMENSIONS | LxWxH (5.19"x7.08"x1.38") |



RGB-SCW4

WiFi DMX WALL CONTROLLER

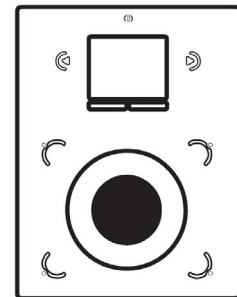
| | |
|-----------------|--|
| INPUT VOLTAGE | 5 - 10V DC, 06A |
| OUTPUT SIGNAL | DMX512 (x2) |
| PROGRAMMABILITY | PC/ MAC |
| COLOR OPTIONS | Black/ White |
| CONNECTIONS | USB/ 8dry contact ports/ Open drain output (for relay) |
| MEMORY | Built-In Flash |
| WORKING TEMP | -10°C ~ 45°C |
| DIMENSIONS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



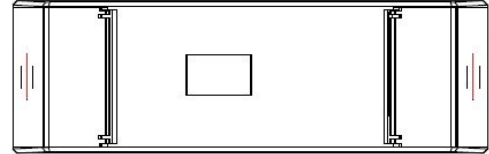
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DMX DECODERS

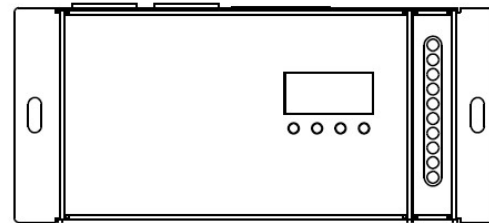
RGB-DMX-4C-RJ45 4-CHANNEL DMX DECODER

| | |
|-----------------|------------------------|
| 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") |



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") |



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6W DIGITAL 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" |

