

# LFO-60 RGB

## 2.7W INDOOR/ OUTDOOR COLOR CHANGING LED STRIP

Project \_\_\_\_\_

Location \_\_\_\_\_

Quote/ Ref # \_\_\_\_\_

**LFO-60 RGB** is an indoor and outdoor flexible LED Strip that features the smallest, most discreet optical linear design. Easy to mount and install to nearly any surface and easily adaptable to almost any indoor or outdoor application. Its miniature optics are ideal for grazing, wall washing, cove and other architectural or accent lighting applications. Its silicone encapsulation makes it durable to withstand harsh elements.



### SPECIFICATIONS

|                       |                                     |
|-----------------------|-------------------------------------|
| INPUT VOLTAGE         | 24V DC Constant Voltage             |
| POWER CONSUMPTION     | 2.7W per Ft.                        |
| LUMEN OUTPUT          | 120 Lumens per Ft.                  |
| NO. OF LEDS           | 14 LEDs per Ft.                     |
| BEAM ANGLE            | 30°/ 45°/ 60°/ 30° x 50° Asymmetric |
| COLOR TEMPERATURE     | RGB                                 |
| DIMMING/ CONTROL      | Through RGB Controller              |
| MAXIMUM RUN LENGTH    | 32 Ft.                              |
| CUT INTERVALS         | Every 6.0 in (152.4mm)              |
| IP RATING             | IP67 Outdoor/ Wet Rated             |
| LUMEN MAINTENANCE     | 50,000 Hrs.                         |
| CERTIFICATIONS        | UL Listed                           |
| OPERATING TEMPERATURE | -22°F (-30°C) to +122°F (+50°C)     |

### FEATURES

- 2.7W per Ft
- 120 Lumens per Ft.
- Flexible, silicone encapsulated
- Dimmable
- UL Listed

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

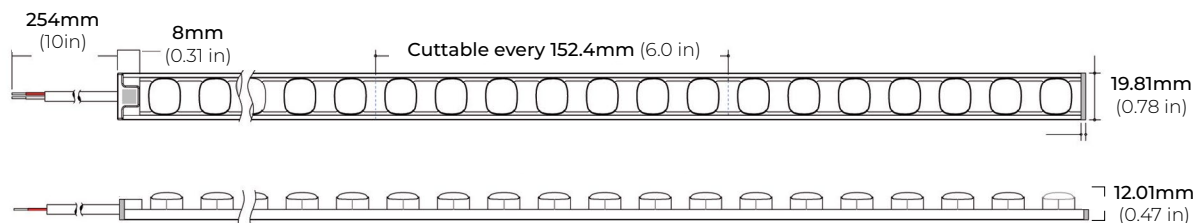


| MODEL  | COLOR TEMP                   | LENGTH                                                                         | OPTICS            | VOLTAGE      | POWER FEED         | FEED LENGTH               |
|--------|------------------------------|--------------------------------------------------------------------------------|-------------------|--------------|--------------------|---------------------------|
| LFO-60 | RGB<br>RGB Color<br>Changing | 1'XX<br>per Ft.                                                                | 30<br>30°         | 24<br>24V DC | IP67EF<br>End Feed | HW3<br>3 Ft. Power Feed   |
|        |                              |                                                                                | 45<br>45°         |              |                    | HW10<br>10 Ft. Power Feed |
|        |                              |                                                                                | 60<br>60°         |              |                    | HW15<br>15 Ft. Power Feed |
|        |                              |                                                                                | 3050<br>30° x 50° |              |                    |                           |
|        |                              |                                                                                | ASY<br>Asymmetric |              |                    |                           |
|        |                              | *1 = Custom<br>length per FT.<br>(cut point every 6")<br>[Do not Field Modify] |                   |              |                    |                           |

# LFO-60 RGB

## 2.7W INDOOR/ OUTDOOR COLOR CHANGING LED STRIP

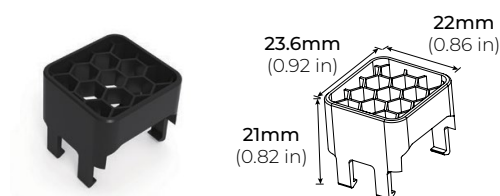
### DIMENSIONS



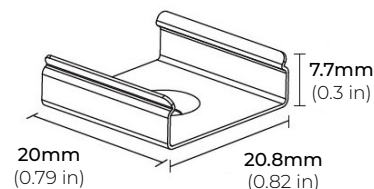
### ACCESSORIES

#### LFO-60-SDLV SYMMETRICAL LOUVER

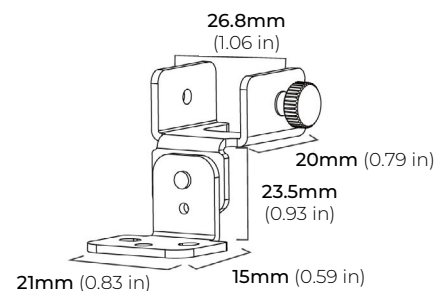
\* Sold Separately per Ft.



#### LFO-60-MB MOUNTING BRACKET 0.82" X 0.79" X 0.3"

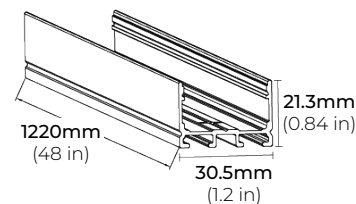


#### LFO-60-ASB ADJUSTABLE BRACKET

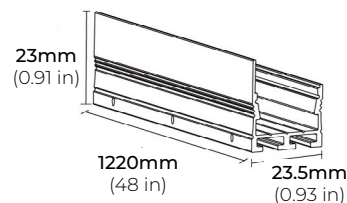


#### LFO-60-AC48 STANDARD ALUMINUM PROFILE 1.2" X 0.84" X 48"

\* Comes with clear lens



#### LFO-60-GS48 GLARE SHIELD ALUMINUM PROFILE 0.93" X 0.91" X 48"



# LFO-60 RGB

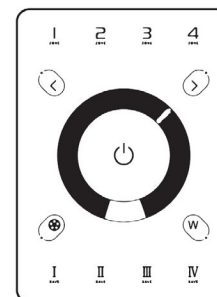
## 2.7W INDOOR/ OUTDOOR COLOR CHANGING LED STRIP

### DMX CONTROLLERS

#### RGB CT600

MULTI-FUNCTION RGBW WALL CONTROLLER

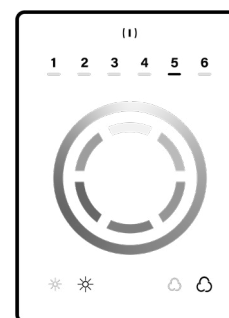
|               |                           |
|---------------|---------------------------|
| INPUT VOLTAGE | 5V DC, 1A                 |
| OUTPUT SIGNAL | RF 2.4GHZ + DMX512        |
| CONTROL       | 4 ZONES                   |
| COLOR OPTIONS | Black/ White              |
| WORKING TEMP  | -20°C ~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



#### RGB-SCW4

WiFi DMX WALL CONTROLLER

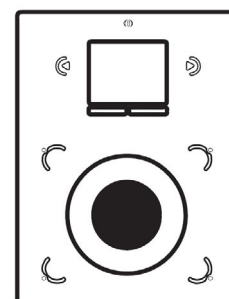
|                 |                                                        |
|-----------------|--------------------------------------------------------|
| INPUT VOLTAGE   | 5 - 10V DC, 06A                                        |
| OUTPUT SIGNAL   | DMX512 (x2)                                            |
| 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                                                     |
| CONNECTION      | 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")                                        |



# LFO-60 RGB

## 2.7W INDOOR/ OUTDOOR COLOR CHANGING LED STRIP

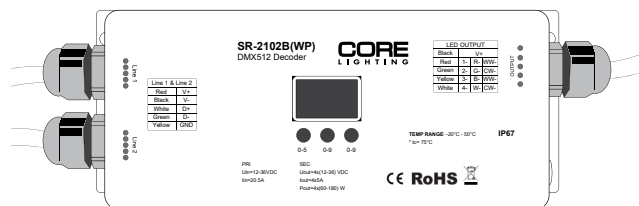
UPDATED: 09.23.26

### DMX DECODERS

#### RGB-DMX-4C-WP

##### 4-CHANNEL RGB DMX DECODER

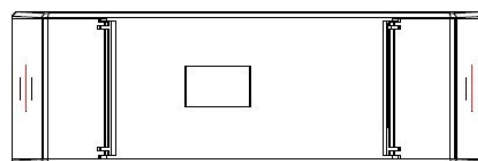
|                 |                    |
|-----------------|--------------------|
| INPUT           | 12V-36V DC         |
| OUTPUT VOLTAGE  | 12V-36V DC         |
| OUTPUT AMPS     | 5A per Channel     |
| OUTPUT CHANNELS | 4 Channels         |
| OUTPUT WATTAGE  | 4 x (167W ~ 333W)  |
| DIMENSIONS      | LxWxH (7"x3"x1.5") |



#### RGB-DMX-4C-RJ45

##### 4-CHANNEL DMX DECODER

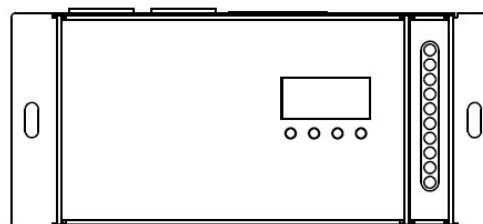
|                 |                        |
|-----------------|------------------------|
| INPUT VOLTAGE   | 12V-24V DC             |
| OUTPUT CURRENT  | 8A X 4CH               |
| OUTPUT WATTAGE  | 4 x (96W ~ 288W)       |
| OUTPUT CHANNELS | 4                      |
| DIMENSIONS      | LxWxH (7"x1.77"x0.75") |



#### 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") |



# LFO-60 RGB

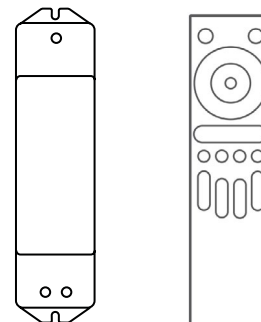
## 2.7W INDOOR/ OUTDOOR COLOR CHANGING LED STRIP

### NON-DMX CONTROLLERS

#### RGB-CT550

RGBW WIRELESS RECEIVER / CONTROLLER SYSTEM

|                 |                           |
|-----------------|---------------------------|
| REMOTE DISTANCE | 100 Ft. (Line of Sight)   |
| FREQUENCY       | 2.4 GHz                   |
| DIMENSIONS      | LxWxH (6.38"x1.65"x0.59") |
| WEIGHT          | 0.44lbs.                  |



\* RGB-CT500-RX  
(Sold Separately)

#### RGB-CT550-RX

RGBW WIRELESS RECEIVER / CONTROLLER SYSTEM

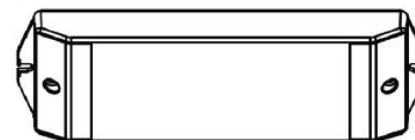
|                |                                     |
|----------------|-------------------------------------|
| INPUT VOLTAGE  | DC5V ~ DC24V                        |
| POWER CAPACITY | 100W (5V)   240W (12V)   480W (24V) |
| OUTPUT CURRENT | 5A per Channel (20A Total)          |
| WORKING TEMP   | -30°C~55°C (-22°F~131°F)            |
| DIMENSIONS     | LxWxH (6.89"x1.73"x1.18")           |

\* RGB-CT500-RX (Sold Separately)

#### RGB-CT700

MASTER RGBW WIFI CONTROLLER

|                |                             |
|----------------|-----------------------------|
| INPUT VOLTAGE  | 12-24V DC                   |
| OUTPUT TYPE    | Constant Voltage            |
| POWER CAPACITY | 288W (12V)   384W (24V)     |
| OUTPUT CURRENT | 5A per Channel (20A Total)  |
| WORKING TEMP   | -4°F (-20°C) ~ 122°F (50°C) |
| DIMENSIONS     | LxWxH (7 x1.8 x 0.8")       |

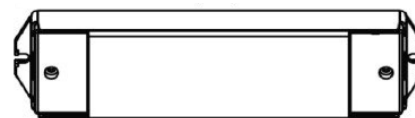


\* Paired with RGB-CT705ZR (Sold Separately)

#### RGB-CT705ZR

SLAVE RGBW WIFI CONTROLLER

|                |                             |
|----------------|-----------------------------|
| INPUT VOLTAGE  | 12-24V DC                   |
| OUTPUT TYPE    | Constant Voltage            |
| POWER CAPACITY | 288W (12V)   384W (24V)     |
| OUTPUT CURRENT | 5A per Channel (20A Total)  |
| WORKING TEMP   | -4°F (-20°C) ~ 122°F (50°C) |
| DIMENSIONS     | LxWxH (7 x0.63 x 0.71")     |



\* Paired with RGB-CT700 (Sold Separately)

# LFO-60 RGB

## 2.7W INDOOR/ OUTDOOR COLOR CHANGING LED STRIP

### NON-DMX CONTROLLERS (CONTINUED)

#### RGB-CT840

BLUETOOTH TOUCH PANEL WALL CONTROLLER

|                   |                        |
|-------------------|------------------------|
| INPUT VOLTAGE     | 12-24V DC              |
| ZONES             | 4                      |
| CONTROL MODE      | RGB   RGBW             |
| WIRELESS PROTOCOL | Bluetooth 5.0 SIG Mesh |
| WORKING TEMP      | -20°C ~ 55°C           |
| DIMENSIONS        | LxWxH (4.7"x3"x1.2")   |

*\* Paired with RGB-CT800-RC (Sold Separately)*



#### RGB-CT800-RC

BLUETOOTH CONSTANT VOLTAGE LED RECEIVER

|                 |                           |
|-----------------|---------------------------|
| INPUT VOLTAGE   | 12V   24V                 |
| OUTPUT CURRENT  | 4Ax5CH / 5Ax4CH (20A Max) |
| POWER CAPACITY  | 240W (12V)   480W (24V)   |
| PROGRAMMABILITY | iOS and Android           |
| WORKING TEMP    | -20°C ~ 55°C              |
| DIMENSIONS      | LxWxH (6.9 x1.7 x 1.2")   |

*\* Paired with RGB-CT840 (Sold Separately)*



### NON-DIMMING DRIVERS (COMPATIBLE 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" |

