

# LFS-2412 RGB

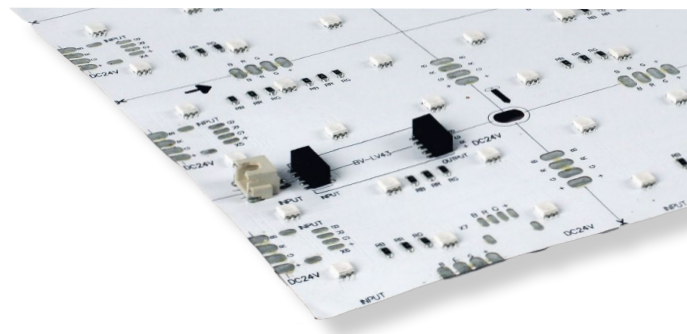
## FLEXIBLE INDOOR LED SHEET MODULES

Project \_\_\_\_\_

Location \_\_\_\_\_

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

The **LFS-2412 RGB** is a color-changing LED sheet module ideal for high density and slim lighting applications. Achieve rich, color-changing lighting effects via RGB controller (sold separately) or illuminate a whole area or spread.



### SPECIFICATIONS

|                       |                                  |
|-----------------------|----------------------------------|
| INPUT VOLTAGE         | 24V DC                           |
| HEAD VOLTAGE          | 23.93V                           |
| TAIL VOLTAGE          | 23.89V                           |
| VOLTAGE DROP RATE     | 0.17%                            |
| HEAD CURRENT          | 29.2 mA                          |
| TAIL CURRENT          | 28.8 mA                          |
| TOTAL CURRENT         | 0.810 A                          |
| CURRENT DROP RATE     | 1.37%                            |
| POWER CONSUMPTION     | 22W                              |
| LUMEN OUTPUT          | 105 LM/ W                        |
| # OF LEDS             | 288 per Sheet                    |
| CRI                   | 95+                              |
| COLOR TEMPERATURE     | RGB                              |
| BEAM ANGLE            | 120°                             |
| MINIMUM CUT LENGTH    | 3" x 2" (76.2mm x 50.8mm)        |
| MAX RUN LENGTH        | 4 Sheets (5A   88W)              |
| DIMMING               | Through RGB Controller           |
| OPERATING TEMPERATURE | -4°F (-20°C) to 140°F (60°C)     |
| ENVIRONMENT           | Dry/ Damp Location only (Indoor) |
| CERTIFICATIONS        | UL Listed                        |
| LUMEN MAINTENANCE     | 50,000 Hrs.                      |

### FEATURES

- 2310 Lumens per Sheet
- Ultra-Thin LED Light Sheet
- Flexible 50mm bend diameter
- Multiple CCT Options
- Superior Color Rendering Index

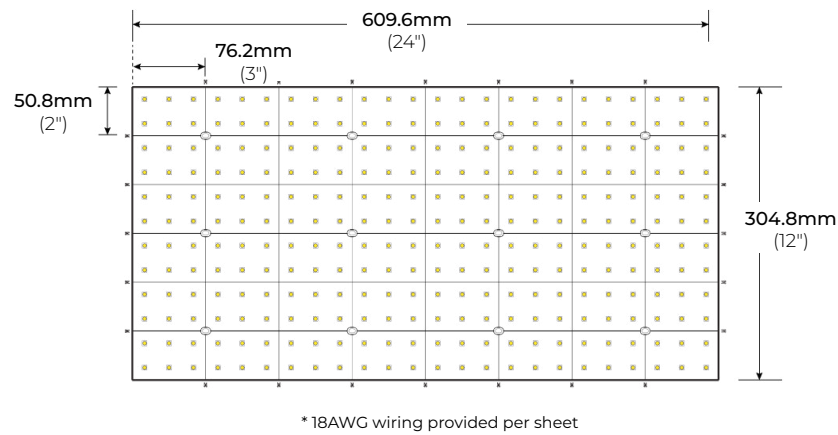


| MODEL   | COLOR TEMPERATURE | VOLT      |
|---------|-------------------|-----------|
| LFS2412 | RGB<br>RGB        | 24<br>24V |

# LFS-2412 RGB

## FLEXIBLE INDOOR LED SHEET MODULES

### DIMENSIONS



### ACCESSORIES

#### LFS-BMP-25

.25" TALL BUMPERS

\*Set of 8 bumpers per sheet included



#### LFS-BMP-40

.4" TALL BUMPERS

\*Set of 8 bumpers per sheet included



# LFS-2412 RGB

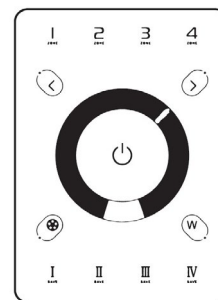
## FLEXIBLE INDOOR LED SHEET MODULES

### DMX CONTROLLERS

#### RGB CT600

MULTI-FUNCTION RGBW WALL CONTROLLER

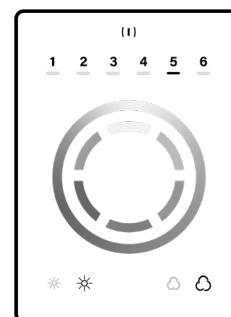
|               |                           |
|---------------|---------------------------|
| INPUT VOLTAGE | 5V DC, 1A                 |
| OUTPUT SIGNAL | RF 2.4GHZ + DMX512        |
| CONTROL       | 4 ZONES                   |
| COLOR OPTIONS | Black/ White              |
| WORKING TEMP  | -20°C ~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



#### RGB-SCW4

WiFi DMX WALL CONTROLLER

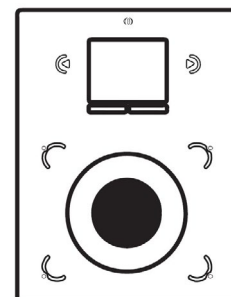
|                 |                                                        |
|-----------------|--------------------------------------------------------|
| INPUT VOLTAGE   | 5 - 10V DC, 06A                                        |
| OUTPUT SIGNAL   | DMX512 (x2)                                      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



# LFS-2412 RGB

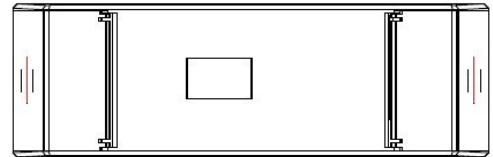
## FLEXIBLE INDOOR LED SHEET MODULES

### DMX DECODERS

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

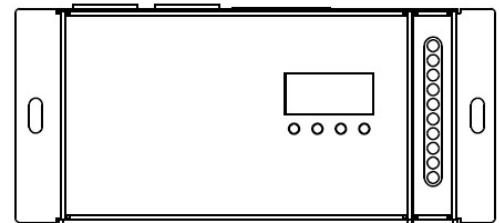
|                 |                        |
|-----------------|------------------------|
| INPUT VOLTAGE   | 12V-24V DC             |
| OUTPUT CURRENT  | 8A X 4CH               |
| OUTPUT WATTAGE  | 4 x (96W ~ 288W)       |
| OUTPUT CHANNELS | 4                      |
| DIMENSIONS      | LxWxH (7"x1.77"x0.75")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



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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") |



# LFS-2412 RGB

## FLEXIBLE INDOOR LED SHEET MODULES

### NON-DMX CONTROLLERS

#### RGB-CT550

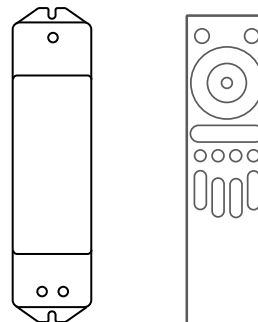
RGBW WIRELESS RECEIVER / CONTROLLER SYSTEM

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

#### RGB-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")           |



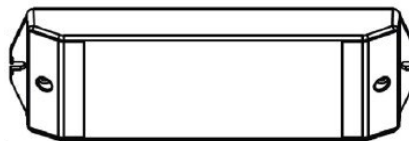
\* RGB-CT500-RX  
(Sold Separately)

\* RGB-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)

# LFS-2412 RGB

## FLEXIBLE INDOOR LED SHEET MODULES

### 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

#### 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" |

