

LFS-2412 RGBW

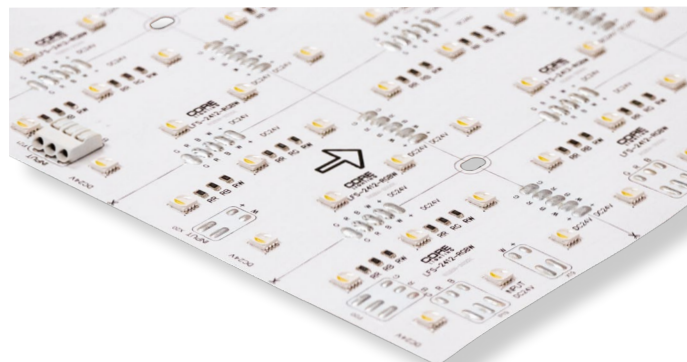
FLEXIBLE INDOOR LED SHEET MODULES

Project _____

Location _____

Quote/ Ref # _____

The **LFS-2412 RGBW** is a flexible, color-changing + white LED sheet module ideal for high density and slim lighting applications. Achieve rich, color-changing lighting effects via RGBW controller (sold separately) or illuminate a whole area or spread. Rated to last 50,000 hours.



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	35W
# OF LEDS	288 per Sheet
CRI	95+
COLOR TEMPERATURE	RGB+30K / RGB+40K
BEAM ANGLE	120°
MINIMUM CUT LENGTH	3" x 2" (76.2mm x 50.8mm)
MAXIMUM RUN LENGTH	4 Sheets (5A 140W)
DIMMING	Through RGBW 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

- Up to 1100 Lumens per Sheet
- Ultra-Thin LED Light Sheet
- Flexible PCB for proper bending and versatile use
- Superior Color Rendering Index
- Suitable for Accent or Ambient Lighting

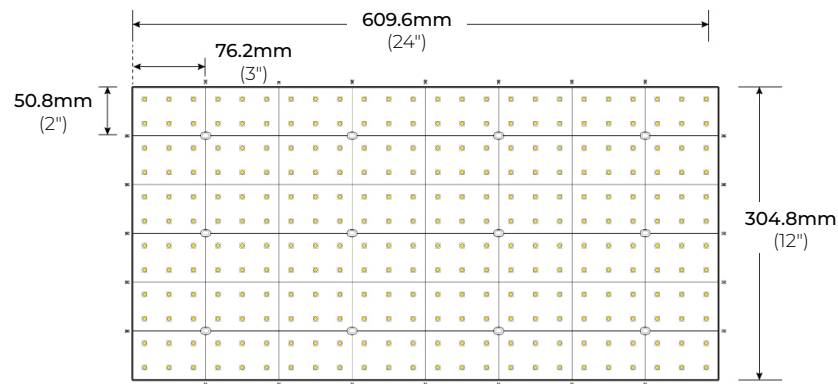


MODEL	COLOR TEMPERATURE	VOLT
LFS2412	RGBW30K RGB + 3000K RGBW40K RGB + 4000K	24 24V

LFS-2412 RGBW

FLEXIBLE INDOOR LED SHEET MODULES

DIMENSIONS



*18 AWG wiring provided per sheet

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 RGBW

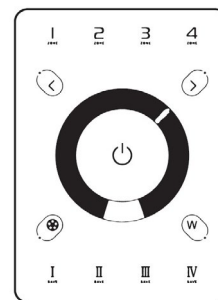
FLEXIBLE INDOOR LED SHEET MODULES

DMX CONTROLLERS

RGB CT600

MULTI-FUNCTION RGBW WALL CONTROLLER

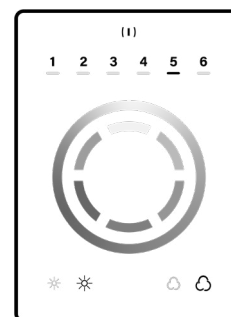
INPUT VOLTAGE	5V DC, 1A
OUTPUT SIGNAL	RF 2.4GHZ + DMX512
CONTROL	4 ZONES
COLOR OPTIONS	Black/ White
WORKING TEMP	-20°C ~ 40°C
DIMENSIONS	LxWxH (5.19"x7.08"x1.38")



RGB-SCW4

WiFi DMX WALL CONTROLLER

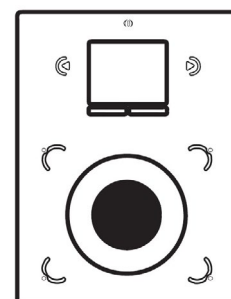
INPUT VOLTAGE	5 - 10V DC, 06A
OUTPUT SIGNAL	DMX512 (x2)
PROGRAMMABILITY	PC/ MAC
COLOR OPTIONS	Black/ White
CONNECTIONS	USB/ 8dry contact ports/ Open drain output (for relay)
MEMORY	Built-In Flash
WORKING TEMP	-10°C ~ 45°C
DIMENSIONS	LxWxH (5.75"x4.17"x0.43")



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")



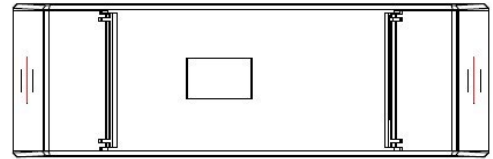
LFS-2412 RGBW

FLEXIBLE INDOOR LED SHEET MODULES

DMX DECODERS

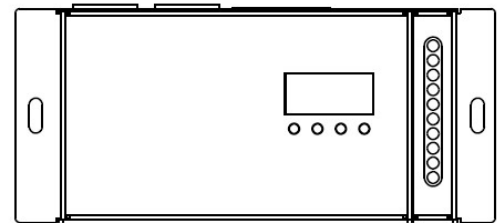
RGB-DMX-4C-RJ45 4-CHANNEL DMX DECODER

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")



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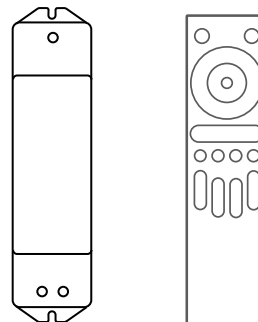
FLEXIBLE INDOOR LED SHEET MODULES

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-CT500-RX
(Sold Separately)

RGB-CT550-RX

RGBW WIRELESS RECEIVER / CONTROLLER SYSTEM

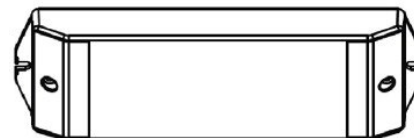
INPUT VOLTAGE	DC5V ~ DC24V
POWER CAPACITY	100W (5V) 240W (12V) 480W (24V)
OUTPUT CURRENT	5A per Channel (20A Total)
WORKING TEMP	-30°C~55°C (-22°F~131°F)
DIMENSIONS	LxWxH (6.89"x1.73"x1.18")

* 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")

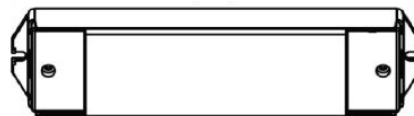


* Paired with RGB-CT705ZR (Sold Separately)

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)

LFS-2412 RGBW

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"

