

LFS-2412-MX

FLEXIBLE INDOOR LED SHEET MODULES

Project _____

Location _____

Quote/ Ref # _____

The **LFS-2412-MX** is a flexible LED sheet featuring color-controllable tuning for every panel. Color temperatures range from warm 2200K to cool 6000K. A maximum of 4 LED panels can be connected together. Rated to last 50,000 hours.



SPECIFICATIONS

INPUT VOLTAGE	24V DC
HEAD VOLTAGE	23.85V
TAIL VOLTAGE	23.68V
VOLTAGE DROP RATE	0.72%
HEAD CURRENT	40.6 mA
TAIL CURRENT	39.8 mA
TOTAL CURRENT	1.92 A
CURRENT DROP RATE	2%
POWER CONSUMPTION	32W/ Sheet
LUMEN OUTPUT	3040 LM/ W
# OF LEDS	576 per Sheet
CRI	95+
COLOR TEMPERATURE	22K/ 25K/ 27K/ 30K/ 35K/ 40K/ 50K/ 60K
BEAM ANGLE	120°
MINIMUM CUT LENGTH	3" x 2" (76.2mm x 50.8mm)
MAX RUN LENGTH	4 Sheets (5A/ 128W)
DIMMING	0-10V
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

- 3040 Lumens per Sheet
- Ultra-Thin LED Light Sheet
- Flexible PCB for proper bending and versatile use
- Multiple CCT Options
- Superior Color Rendering Index
- Suitable for Accent or Ambient Lighting

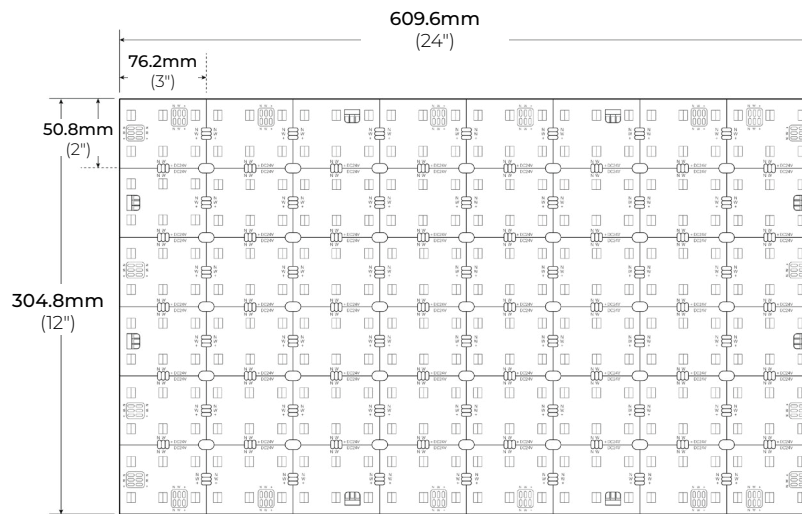


MODEL	COLOR TEMP A		COLOR TEMP B		VOLT
LFS2412-MX	22K 2200K	40K 4000K	22K 2200K	40K 4000K	24 24V
	25K 2500K	50K 5000K	25K 2500K	50K 5000K	
	27K 2700K	60K 6000K	27K 2700K	60K 6000K	
	30K 3000K		30K 3000K		
	35K 3500K		35K 3500K		

LFS-2412-MX

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-MX

FLEXIBLE INDOOR LED SHEET MODULES

COLOR TUNING CONTROL MODULE

PSDE-TW2-010-CT
0-10V CONTROL

INPUT VOLTAGE 8-48V DC
INPUT CURRENT 5.1A MAX (per channel)
INPUT CONTROL 2
OUTPUT CURRENT 5A
MAX OUTPUT POWER 240W
DIMENSIONS LxWxH (3.86" X 1.73" X 0.57")



BASIC CONTROLLERS

RGB-CT820
BLUETOOTH TOUCH PANEL WALL CONTROLLER

INPUT VOLTAGE 12-24V DC
ZONES 4
CONTROL MODE Color Tuning
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-CT820 (Sold Separately)*



COMPATIBLE 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"

