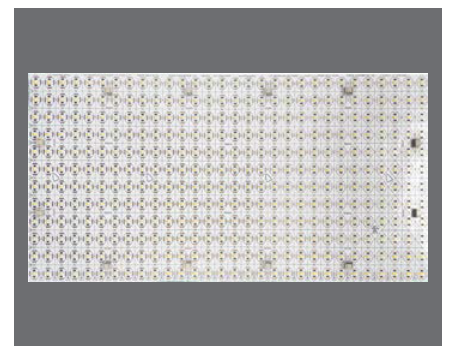




Job Information <i>Fill out project details for this product below</i>			
Project		Location	
Contact		Date	
Product Number		Fixture Type	

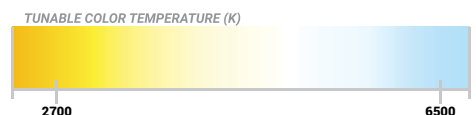
The Matrix Tunable is unparalleled in its adaptability for creative lighting design application. With a beam angle of 120°, consistent output and uniform light dispersion with a low wattage profile.



APPLICATIONS

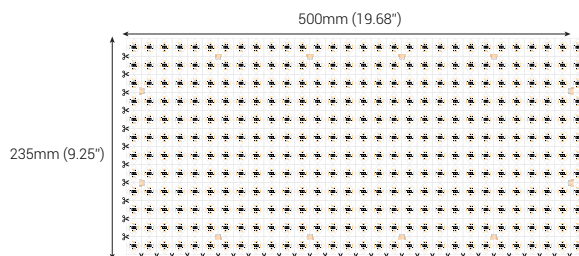
- Backlighting
- Large Formats
- Backlit Stone
- Backlit Graphics

LIGHT TEMPERATURE

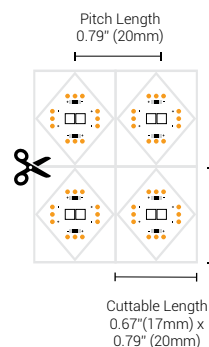


OVERVIEW

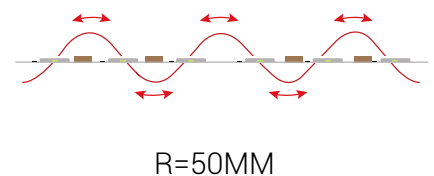
FRONT VIEW



MINIMUM CUTTABLE SIZE



BEND DIRECTION



SPECIFICATIONS

PHYSICAL SPECIFICATIONS

Part Number	430600-004-24-011
CRI	85+
LED / Sheet	720LEDs/Sheet (3-step macadam ellipse)
Color Temperature	Warm 2700K • Cool 6300K
Lumen Maintenance	LM80 @ 50,000/hrs
Lumens	50-55lm/piece
Operating Temperature	-20 °C (-4 °F) ~ +60 °C (+140 °F)
Environment	Dry / Damp location only (indoor)
Mounting	3M adhesive tape and screws
Size of sheet	9 3/8" (238 mm) (L) x 19 11/16" (500 mm) (W)
Minimum Size	Minimum cuttable size (individual LED cuttable)
Maximum Size	Maximum tiling up to 7 sheets (based on 96W driver)
Depth	Bumper height - 8mm • Overall depth of the system (including bumper) - 8.75mm
Weight	0.3 lb/sheet
Accessories	Includes connection wires and hardwire cables with 3-pin connector male plug and a plug-in adaptor cable with 2.1mm/5.5mm female barrel connector

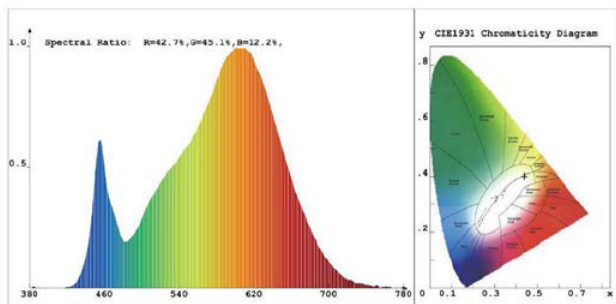
ELECTRICAL SPECIFICATIONS

Input Voltage	24V DC
Power Consumption	11 W/Sheet
Wire Size	22 AWG
Wiring	22 AWG
Connector	3-pin male plug
Certification	UL listed (E346146)

ACCESSORIES PACK



SPECTRUM TEST REPORT



The data is testing result of 1 sheet product without IP protection process. The IP protection process leads to changes in size, CCT and luminous flux, please refer to product specifications for details.



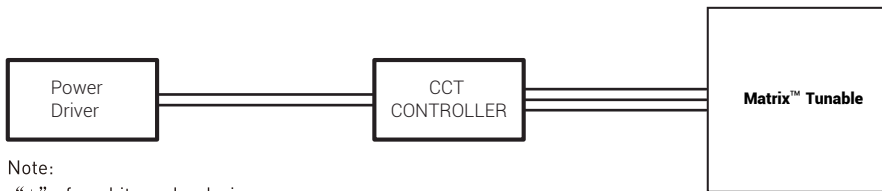
WIRING

Determine your system components, including a power driver as optional dimmer and controller. Use only UL Certified power drivers, as well with the power output that coordinates with your input voltage. Do not apply AC voltage directly to Matrix Tunable sheet, as within seconds the result may be burned LEDs or fire. Look for our 24VDC voltage tags at the end of the power cord.

WIRING MATRIX XD TUNABLE

1. Turn off power to your system at the main breaker;
2. Install your system components. Refer to wiring guidelines for each component to build your system;
3. Check connections and turn on power at the main breaker.

WIRING MATRIX XD TUNABLE



Note:

“+” for white and red wire.

The above diagram is only for installation, not the physical drawing.



ACCESSORIES AND OPTIONS

POWER ADAPTORS OPTIONS

Hardwire

951012	24V	60W
950037	24V	60W
950038	24V	96W
950039	24V	150W

5 in 1 Dimming Driver

951004-24-096	24V	96W
951006-24-192	24V	192W

Plug-In (Class 2)

950025	24V	96W
950032	24V	60W
950033	24V	36W
950035	24V	96W
950036	24V	60W

* Other power options available on request

CONTROLLER OPTIONS

DMX Decoder

970032	24V	Max. 96W
970033	24V	Max. 96W

Power Repeater

970037	12-36V
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DMX Wall Controller

970041	CCT Tunable	12-24VDC
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RF CCT Driver

951029	24V	90W
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RF CCT Wall Controller

970043	12-24VDC
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* Other controller options available on request

CONNECTOR ACCESSORIES

Connection Wires	3-pin male plug
Hardwire Cables	3-pin male plug

Plug-In Adapter

5.5mm female barrel connector
2.1mm female barrel connector

MOUNTING OPTIONS

Option 1	3M Adhesive Back
Option 2	Screws (not included)



Matrix™ Tunable



LED Light Sheet
Part#: 430600-004-24-011

ORDER INFORMATION

Product #	-	Color Temperature	Voltage	Wattage
430600		004- CCT Tunable 2700K to 6300K	24-24V DC	011 -11W/Sheet

EXAMPLE
430600-004-24-011

The specification number immediately above can be deconstructed as follows:

- Matrix Tunable Sheet; Color Temperature-2700K-6300K; Voltage-24V; Wattage-11 W/Sheet