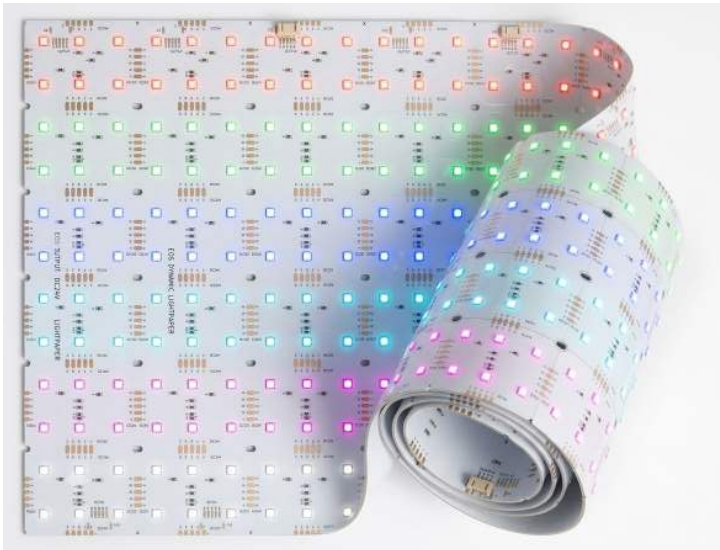




DYNAMIC

LIGHTPAPER

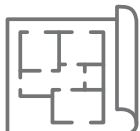
- The Dynamic Lightpanel is a flexible, color-programmable LED sheet designed to transform any surface into a vivid, living display. Powered by DMX (Standard) or SPI (Optional) control technology, each panel delivers fully addressable RGBW lighting – meaning every LED can be individually controlled to produce smooth color transitions, dynamic animations, or static washes of light in millions of color combinations.
- Whether it's an immersive hotel lobby feature wall, a pulsing casino ceiling installation, a retail display that stops foot traffic, or a statement piece in a private residence, the Dynamic Lightpanel adapts to the vision. Its slim, flexible sheet format makes it easy to install across flat and curved surfaces alike, opening up creative possibilities that rigid fixtures simply can't match.



APPLICATIONS



HOSPITALITY



COMMERCIAL INTERIOR



RESTAURANT



BARS



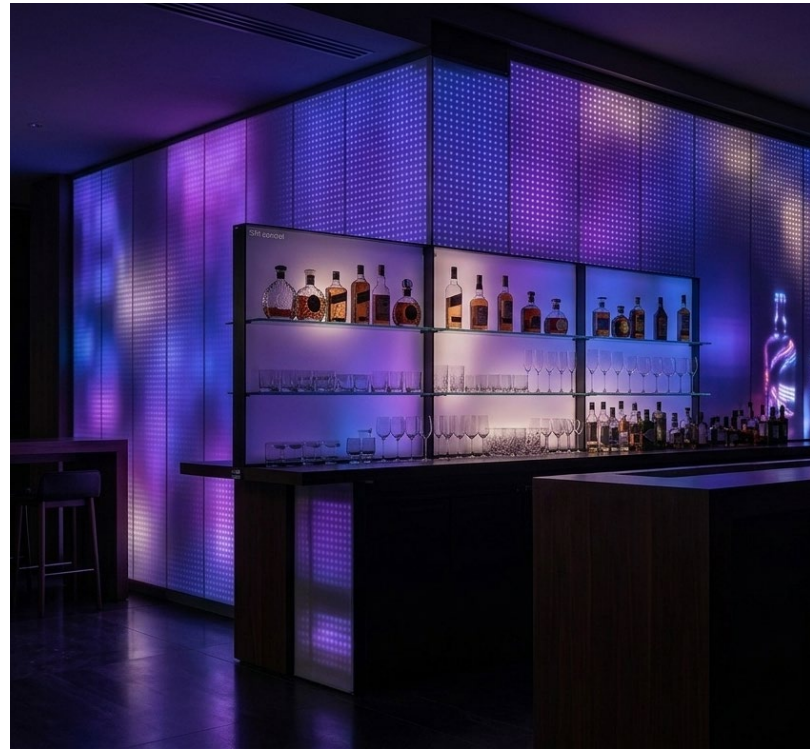
OUTDOOR



RETAIL



HEALTHCARE



FEATURES

- Fully addressable SPI (Standard) or DMX (Optional) control for dynamic animations and color chasing.
- RGBW color mixing for millions of color combinations.
- Flexible sheet format for flat and curved installations.
- High CRI 90+ for rich, true-to-life color rendering.
- 850 lumens at 16W per sq/ft (12"X24") for bright, efficient performance.
- Indoor Rated (IP20), Optional Outdoor (IP54).
- Lightweight, Easy-Install

GENERAL SPECIFICATIONS

FLEXIBLE TECHNOLOGY

LightPaper is versatile, flexible and thin LED technology that can wrap around curved surfaces or be cut into custom shapes

LUMENS

850lm/sheet

POWER OPTIONS

24VDC Standard

DIMENSIONS

305mmx610mm
12" x 24"

WATTAGE

32w/sheet

LED's

216 LED / sheet

WIRE GAUGE

20GA Wiring

CRI

90+

IP RATNG

Indoor Rated IP20 (Standard)
Outdoor Rated IP54 (Optional)

LED CHIP TYPE

5050

DRIVER INPUT VOLTAGE

100V TO 480V

LIFETIME

Over 50,000 hours = Nearly 12 years based on 12 hours a day usage.
Once installed, the Cloud System is virtually maintenance free.

WARRANTY

5 years warranty according to the EOS Policy available [here](#).

OPTIONAL SPECIFICATIONS



COMPATIBLE POWER SUPPLIES

0-10V dimming | DMX/DALI
Electronic low voltage (ELV)
RF Dimmable Plug In
Inline Dimmable Plug-In



COLOR TEMPERATURES

RGBW

APPROVALS AND CERTIFICATIONS

The System is UL listed for Architectural applications and UL recognized for signage. All power supplies are UL / ETL listed.





SPECIFICATION FORM

NAME: _____ PROJECT NAME: _____ ADDRESS: _____

PHONE: _____ PROJECT LOCATION: _____ CITY: _____

EMAIL: _____ ANTICIPATED DELIVERY DATE: _____ ZIP CODE: _____

COMPANY NAME: _____ PROJECT SPECIFIER: _____ RUSH PROJECT: Yes ☐ No ☐

QTY	MATERIAL	RIGIDITY	LED CHIP TYPE	INDOOR+ LED QTY	COLOR TEMP	VOLTAGE	ILLUMINATED AREA	5-DIGIT PROJECT #	REVISION #
5	DY-PPR	S	5050	OP	RGBW	SP	G1xG2	TL	BC
	A	B	C	D	E	F	G	H	I

A: MATERIAL

DY-PPR - DYNAMIC LightPaper

B: RIGIDITY

S - Flexible

C: LED CHIP TYPE

5050 - Chip Type

D: LED QTY

I - Indoor

216 - LED chips per sheet

E: COLOR TEMPERATURE

RGBW - RGBW

F: VOLTAGE

24V - 24VDC Standard

G: ILLUMINATED AREA

G1 - Length in inches

G2 - Height in inches

I: REVISION

REVZ - REVISION # Z



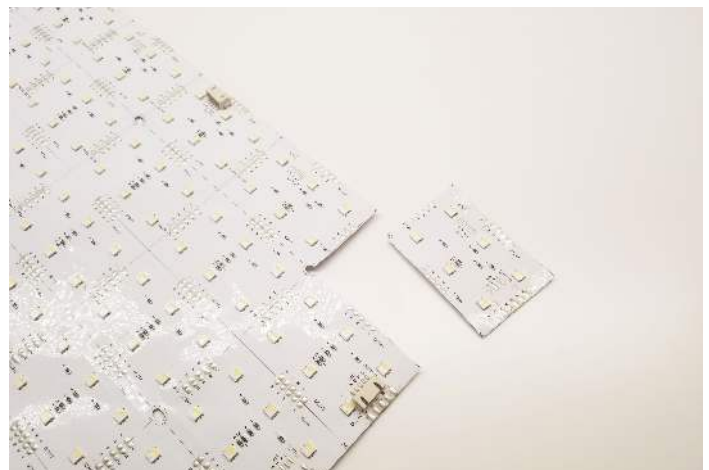
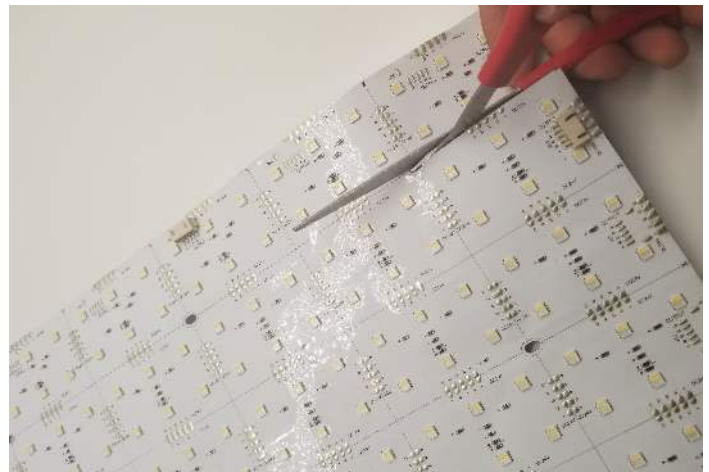
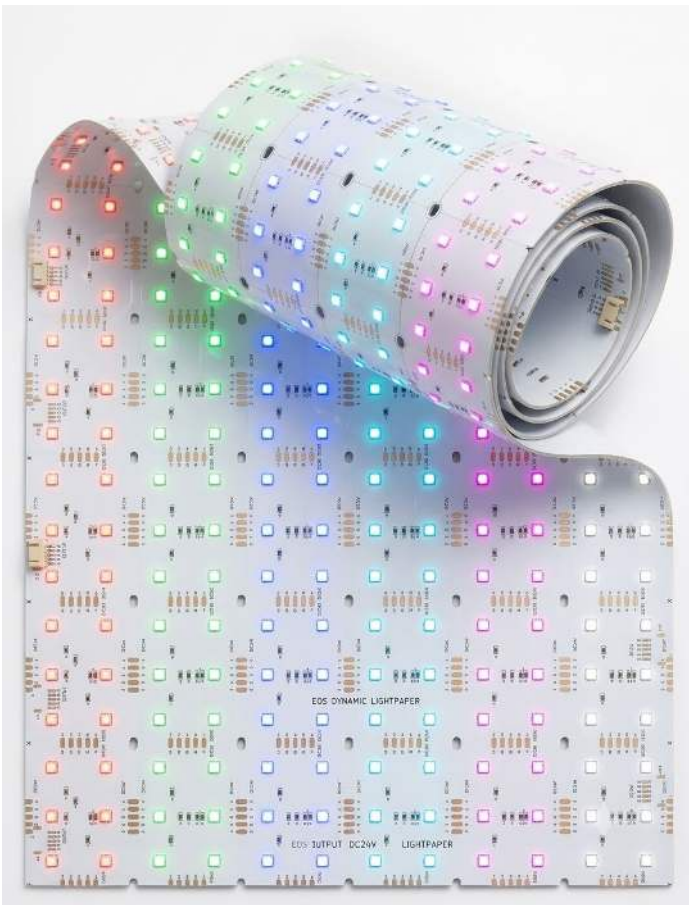
INSTALLATION

INSTALLATION INSTRUCTIONS

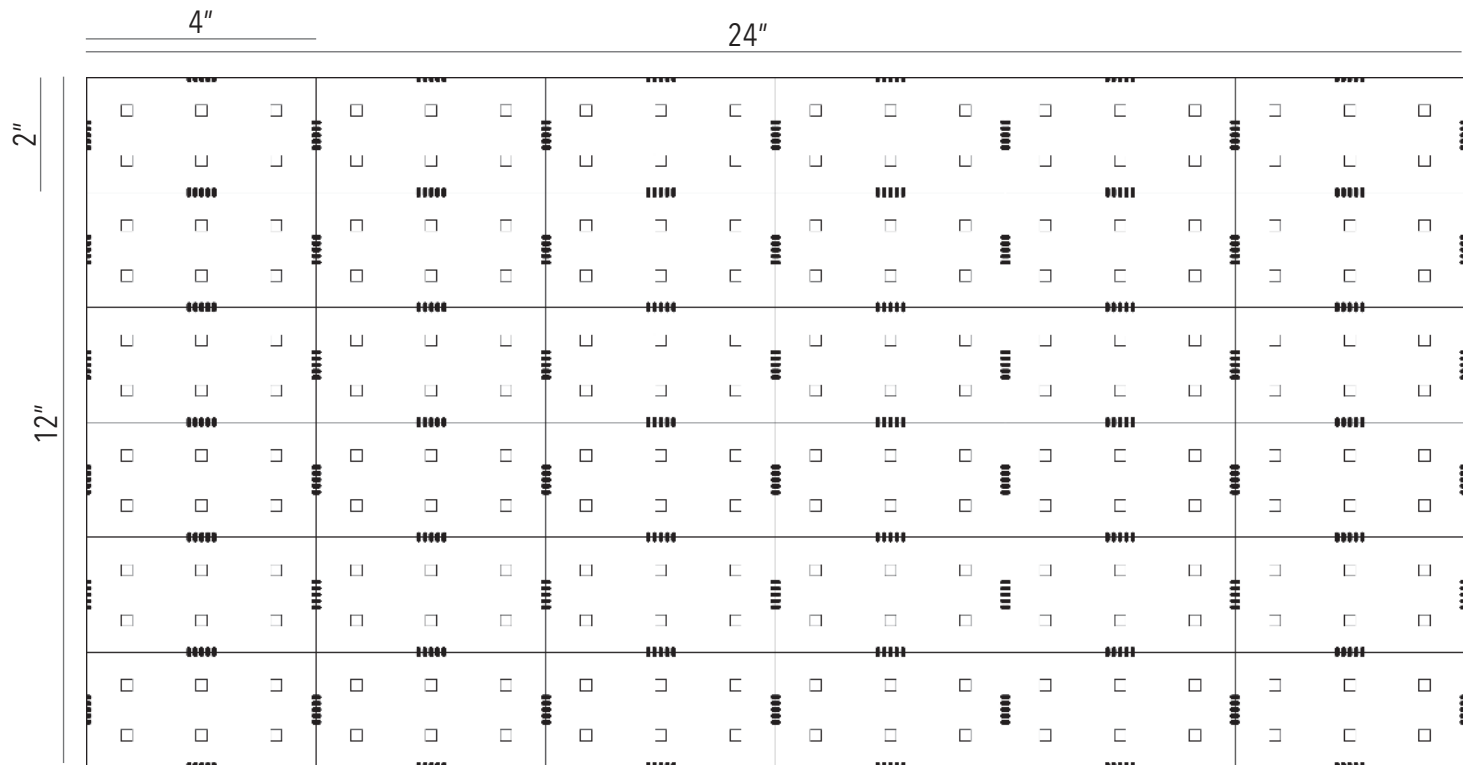
- A. Installation should always be performed by a qualified electrician.
- B. No more than three (3) full sheets connected together to one driver (32W per sheet).
- C. Make sure power is OFF prior to any installation to prevent electrical shock.
- D. Use only Class 2 drivers provided by eos.
- E. Suitable for Damp Locations.

Attention: Always test eos Dynamic LightPaper prior to installation. Connect Dynamic LightPaper to driver to ensure functionality and no damage has occurred during shipping.

1. **Note:** Dynamic LightPaper can be cut into smaller sections. Markings indicate cuttable perimeters to avoid damage to LED. Every LED section can be lit up individually after cutting apart.

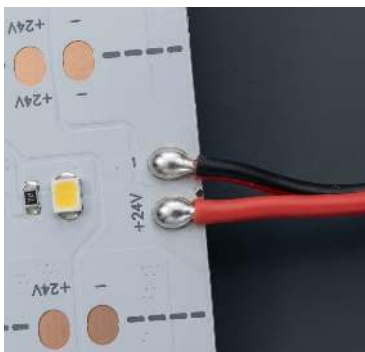


2. Standard Dimensions (in mm in diagram; approx equivalent in inches is 24" x 12")

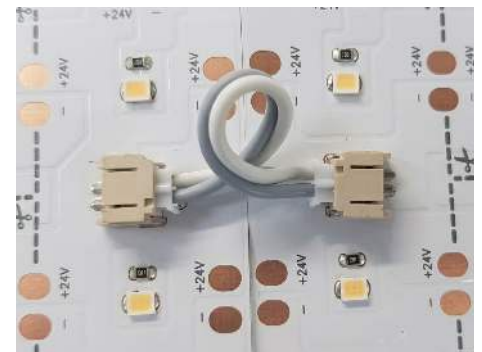
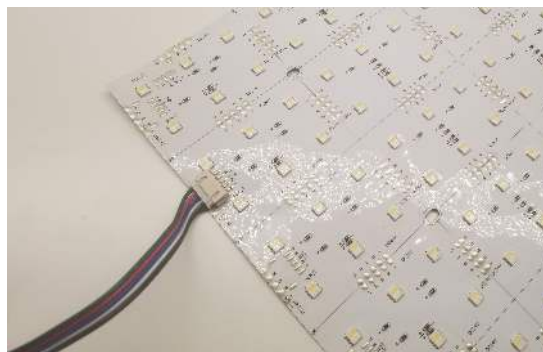


3. Red-colored wire on power wire cable indicates positive polarity. Black-colored wire cable indicates negative polarity. If LightPaper feeds with wire leads, proceed to wire to driver. Otherwise, connect the power feed LightPaper to LightPaper via provided female to female connectors ensuring polarity is connected positive (+) to positive (+), and negative (-) to negative (-).

Wiring to driver

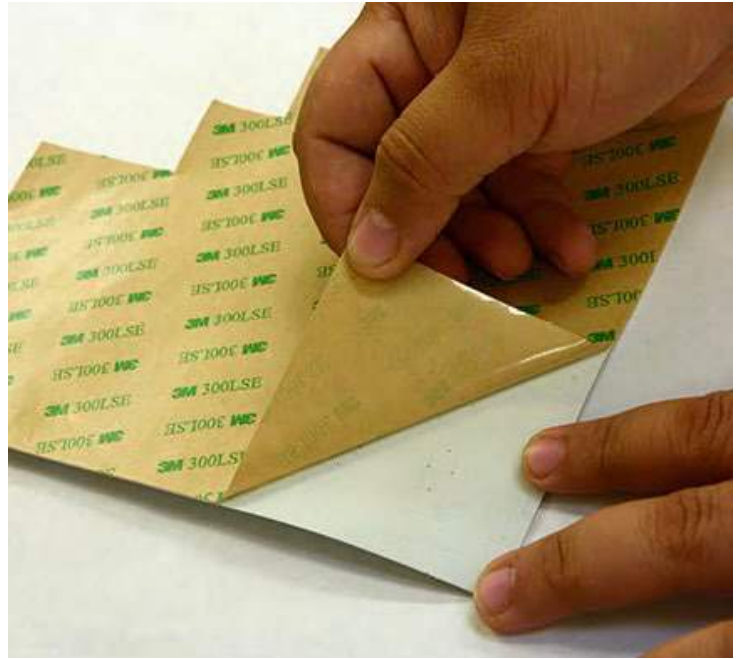


Sheet-to-sheet wiring



NOTE: Be careful not to cross polarity of the connections between LightPaper sheets.

- 4. MOUNTING OPTION A:**
For simple mounting, remove the back paper to reveal 3M 300LSE adhesive to mount on most non-porous surfaces. Please contact eos Light with any questions about suitability for mounting and, as indicated above, always test eos LightPaper prior to installation.



- 5. MOUNTING OPTION B:**
Pins, nails or staples may be used - ONLY along the dotted lines where the material can be cut.
- 6. MOUNTING OPTION C:**
When deemed necessary in order to mount to your surface type, use Options A and B together (tape and fasteners)

