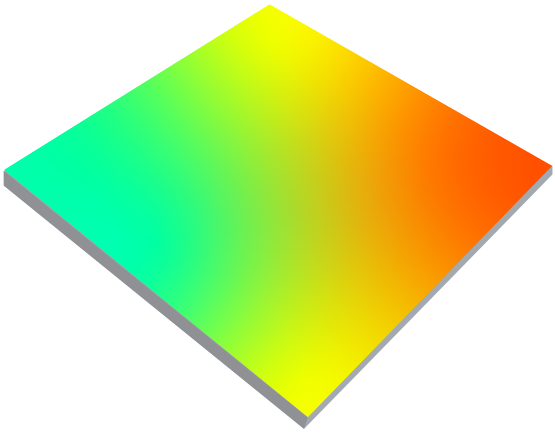
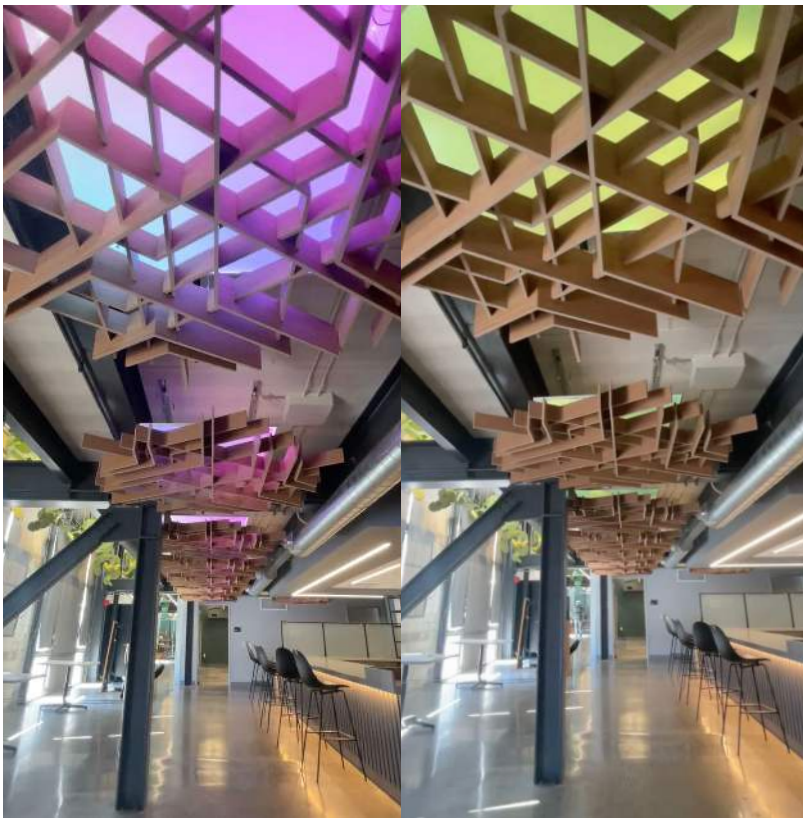
DYNAMIC

LIGHTPANEL SYSTEM

- The Dynamic Light Panel System uses individually addressable RGBW LEDs, arranged in six-LED segments along the panel's edge, to bring color and motion to any surface. Rather than a single static hue, the panel can shift and blend color across its face in smooth, animated waves – all diffused evenly through an etched acrylic surface with no visible hot spots, and packed into a profile as thin as half an inch.

- From accent walls and cove lighting to branded signage and custom fixtures, the Dynamic Light Panel adapts to nearly any application where a space calls for movement and personality. It's DMX or SPI controllable, so lighting designers can program anything from a single solid color to a full animated sequence, making it as much a design tool as a light source.





APPLICATIONS

HOSPITALITY

RESIDENTIAL

COMMERCIAL INTERIOR

RESTAURANT

BARS

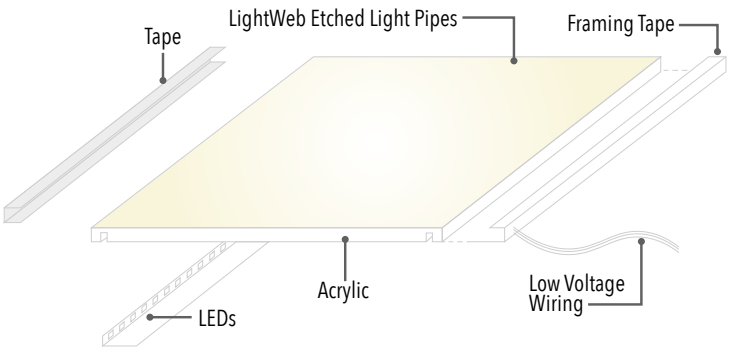
MILLWORK

RETAIL

HEALTHCARE

FEATURES

- Thickness: 0.51"–0.63" (13–16mm)
- Max size: up to 120" × 80"
- Power: 6.1W per linear foot
- Individually addressable RGBW LEDs, 6-LED segments
- DMX or SPI color control
- Etched acrylic face – no visible hot spots



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GENERAL SPECIFICATIONS

LIGHT WEB TECHNOLOGY™
3D etched patterns to evenly distribute light throughout the panel. Patterns available are GRID, DOT and MICRODOT™

MAXIMUM SIZE
120″ x 80″. Ceiling application limits vary per installation method, please consult EOS for details.

MINIMUM SIZE
4″ x 4″

THICKNESS:
13-16mm / 0.51-0.63″

WIRE GAUGE
18GA Wiring

LEDs
Individually Addressable RGB/RGBW LEDs

POWER OPTIONS
24VDC

DRIVER INPUT VOLTAGE
120-277 VAC

WATTAGE
6.1W per linear ft.

CONTROLLERS
Direct DMX Control:
Panels will connect to DMX controller directly. Panel custom initial addressing upon request. DMX controller programmed upon request.
SPI Control:
Panel will be connected to an SPI decoder that has a DMX controller input port. DMX controller programmed upon request.

IP RATNG
Indoor Rated

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

HOSPITAL AND MRI SAFE
The system contains non ferrous materials, making the LightPanel safe for MRI suites. The LightPanel Power supply must be installed remotely, up to 15 feet from the application.

SERVICE AND INSTALLATION
The LightPanel is field serviceable, typically LEDs can be replaced in the field. The LightPanel System can be predrilled by our production team with customer's specifications.

WARRANTY
3 years warranty according to the EOS Policy available **here.**

OPTIONAL SPECIFICATIONS

COMPATIBLE POWER SUPPLIES
- DMX Controllable with individually addressed LED Strips preset at the factory (preferred)
- SPI controllable with specialty controller (provided by EOS)

COLOR TEMPERATURES
Dynamic LEDs (Individually - Addressable RGB)

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

c UL us LISTED
LOW VOLTAGE LUMINAIRE
E480527

c UL us
E467626

CE

RoHS

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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	PANEL TYPE	VOLTAGE	DIMENSIONS TOP	DIMENSIONS SIDES	LED SIDES	COLOR TEMP	LED POWER	DIFFUSER	CORD LENGTH	CORD LOCATION	CORD COLOR	POWER SUPPLY	IF CURVED PANEL SPECIFY RADIUS (IN)
5	LP	24V	48	50	FR	DYN	SP	DIF	CC6	TL	BC	010V	20
	A	B	C		D	E	F	G	H	I	J	K	

A: PANEL TYPE

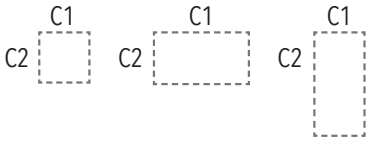
LP - Dynamic LightPanel System

B: VOLTAGE

24V - 24V (Standard)
12V - 12V (Optional)

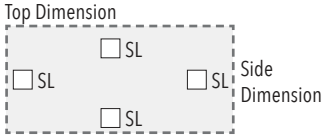
C: DIMENSIONS

(Generated by Client)
C1- Top Dimension
C2- Side Dimension



D: LED SIDES

1SL - One Side **3SL** - Three Side
2SL - Two Side **4SL** - Four Side



E: COLOR TEMPERATURE

DYN - Dynamic Color Changing

F: LED POWER

SP - Standard Power (4.3W/Ft)

G: OPTIONAL 2MM DIFFUSION OPAL

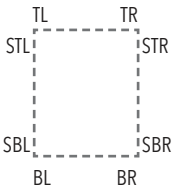
YES - DIF **NO** - ND

H: POWER CORD LENGTH

SC - Standard -9.8 ft.
CC - Custom Length _____ ft

I: POWER CORD EXIT

TL - Top Left Corner
TR- Top Right Corner
STL - Side Top Left Corner
STR - Side Top Right Corner
BL - Bottom Left Corner
BR - Bottom Right Corner
SBL - Side Bottom Left Corner
SBR - Side Bottom Right Corner



J: POWER CORD COLOR

BC - Black
WT - White

K: POWER SUPPLY INFO

010V - 010V Dimmable Hardwire
ELV - Electronic Low Voltage Hardwire
DMX - DMX /DALI
PI - Plug In, DC Jack
DPI - Dimmable Plug in w/ remote

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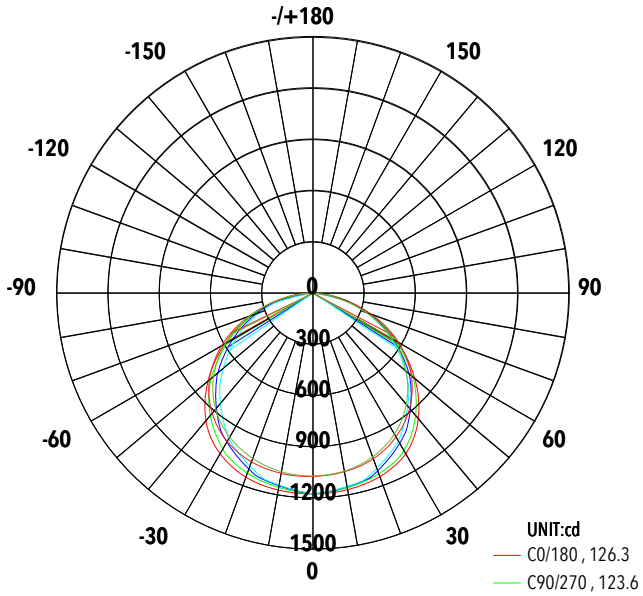
PHOTOMETRY

NAME	DYN-PPR-24-24x12-SP-DYN
NOMINAL POWER(W)	24.4
RATED VOLTAGE(V)	24
NOMINAL FLUX(lm)	1100
SIZE	24" x 12"
COLOR	Dynamic Color Changing

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

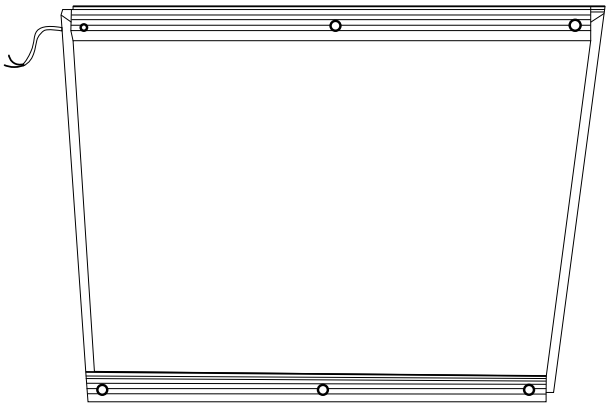
Dynamic LightPaper, 24" x 12",
24V, Standard Power, Dynamic



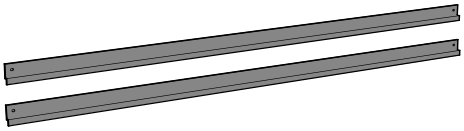
AVERAGE BEAM ANGLE(50%):124.9 DEG

INSTALLATION
Wall Mount

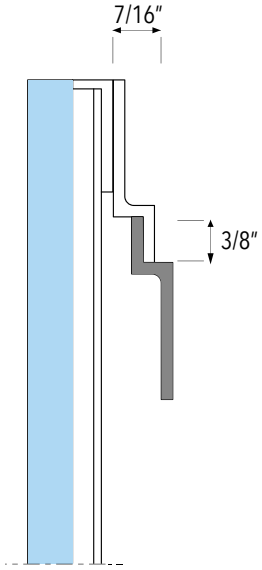
French Cleats for horizontal / landscape framed LightPanels*



back of panel

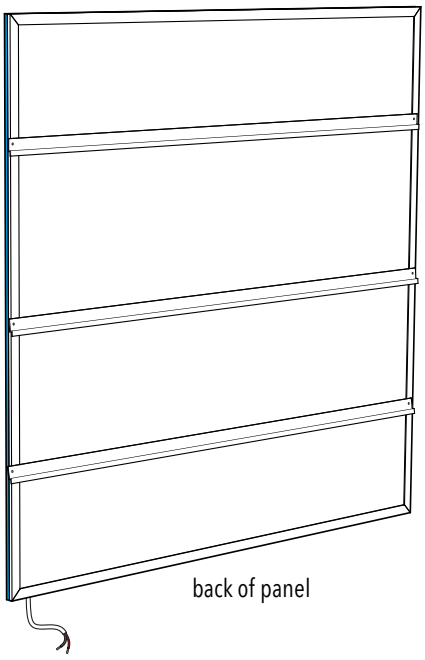


A French Cleat will be attached to the top and bottom of the framed LightPanel. Its corresponding French Cleat will be provided by EOS separately for in-field wall installation.

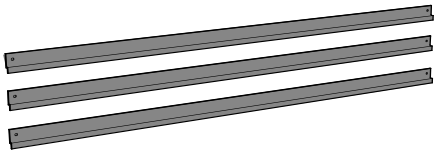


profile view

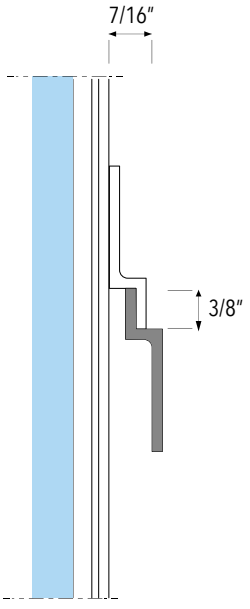
French Cleats for vertical / portrait framed LightPanels*



back of panel



French Cleats will be attached across the width of the framed LightPanel at appropriate height intervals. Its corresponding French Cleat will be provided by EOS separately for in-field wall installation.



profile view

*For use with Deco LightPanels, AURA Complete Solutions, and Media Frame Ad Boxes.

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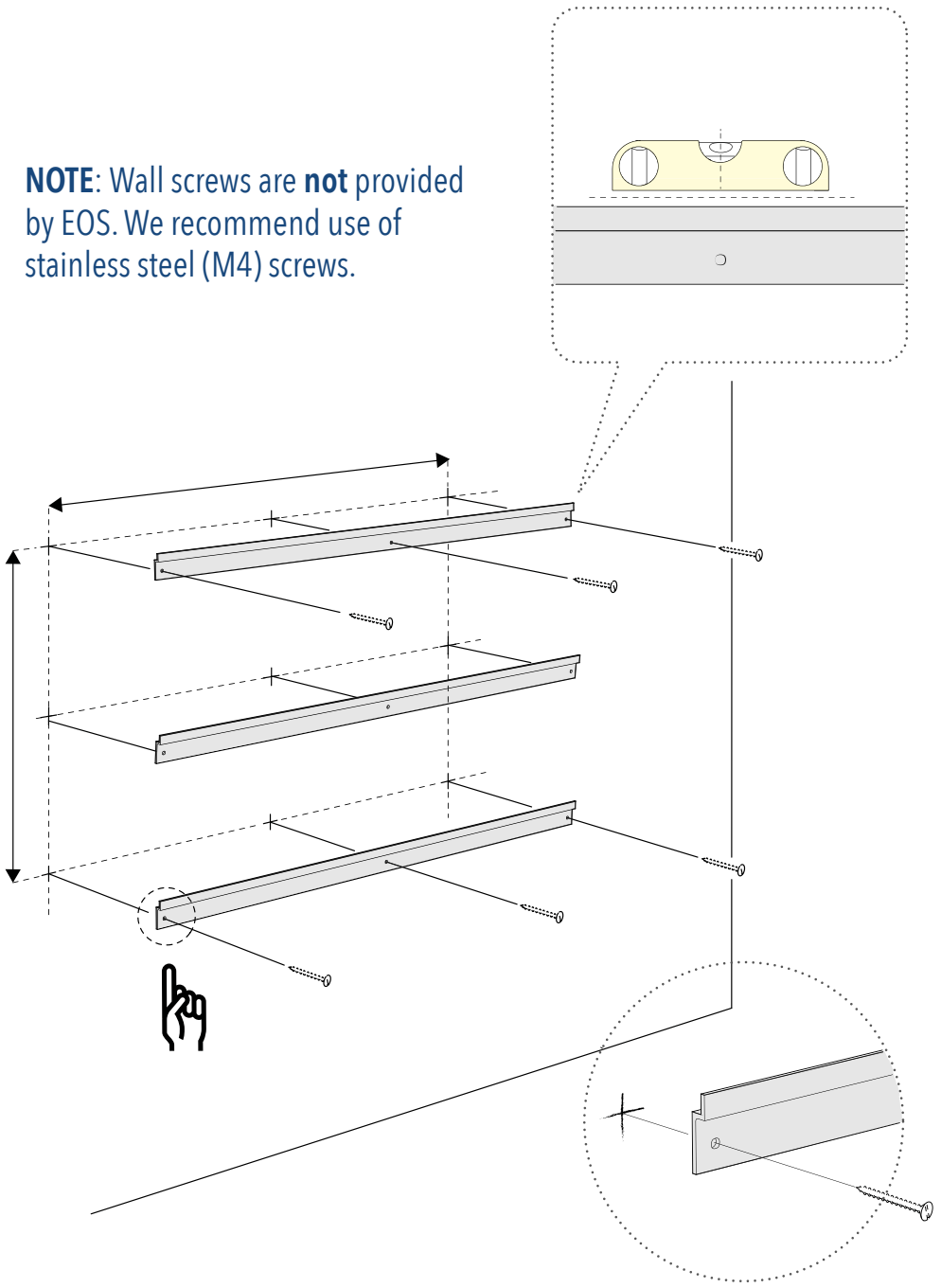
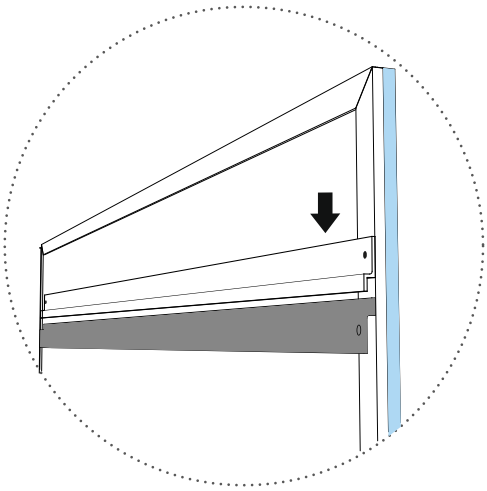
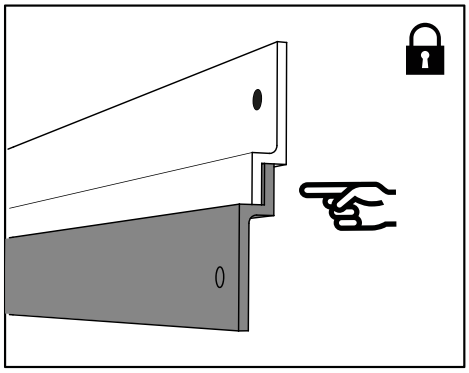
NOTE: Wall screws are **not** provided by EOS. We recommend use of stainless steel (M4) screws.



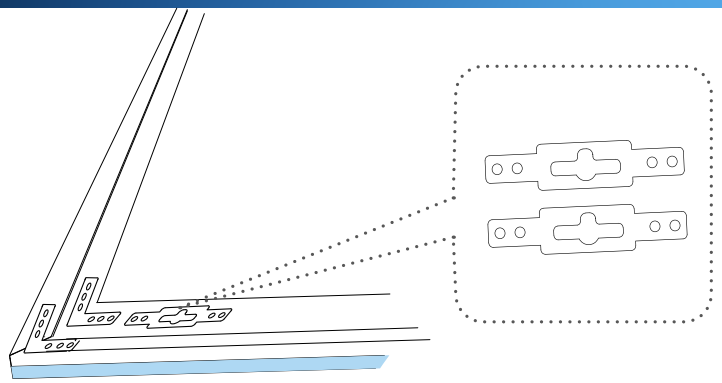




Fix the French Cleats to the wall with screws or other suitable fixing systems paying attention to:

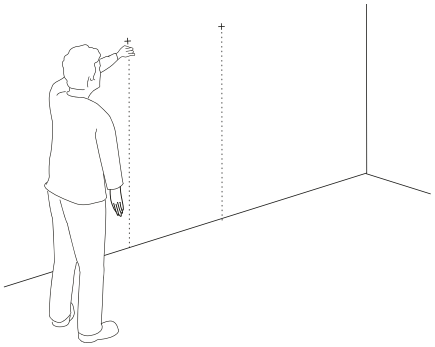
- Positioning the brackets parallel to each other, with the help of a calibration tool.
- The "head" of the screw while fixing the brackets: it must not protrude.
- Fixing the French Cleats in an area which is 200 mm less than the external dimension of the panel.

OPTIONAL MOUNTING METHOD FOR WALL APPLICATIONS:
Keyhole Hooks

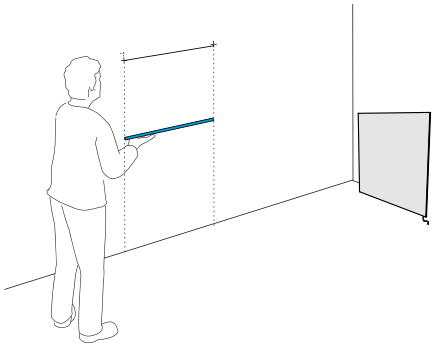


1. Measure precise span of keyhole hooks on your LightPanel from hole to hole.

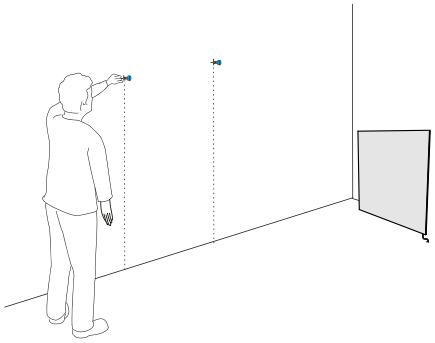
2. Using that width, measure your desired hanging height from the floor in both keyhole locations.



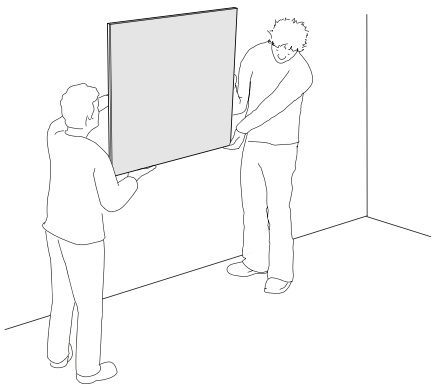
3. Use a string or ruler to connect the two holes locations on wall, then use a level to be sure they are exactly accurate, or adjust as needed.



4. Put your fasteners into the wall at your two precisely measured locations (nails or screws).



5. Carefully lift your panel (with two or more people, if necessary) to insert the fasteners into the keyhole hooks' holes.



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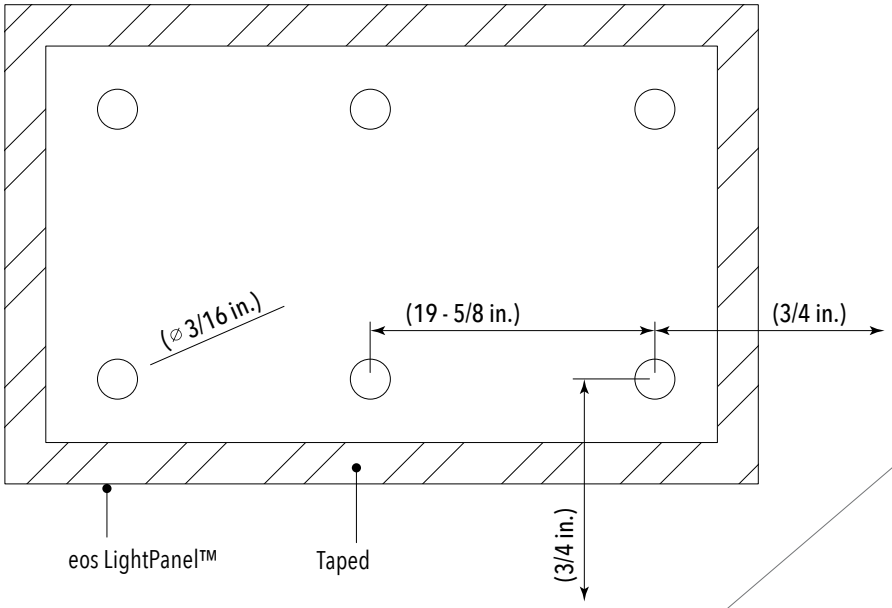
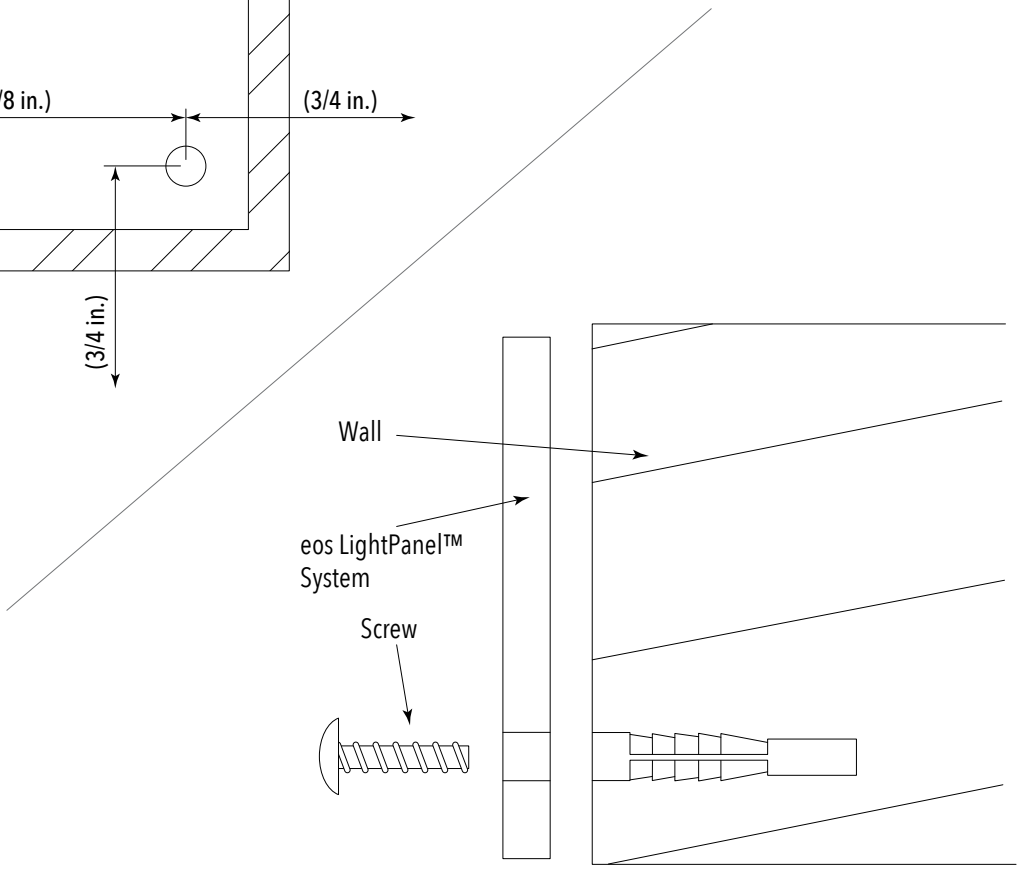
INSTALLATION INSTRUCTIONS





Drilling Instructions:

1. Drill pilot holes before securing panel with screws.
2. Use the highest grit drill bit as possible.
3. Drill on a flat supportive surface with a soft mat between substrate and LightPanel™
4. Drill from the back to the front to get through the reflective film first.
5. See diagram above for drilling safe area
6. When installing eos LightPanels™ please don't drill any screws in the area of LED groove to avoid LED damage.

***EOS IS NOT RESPONSIBLE FOR ANY SPLINTERING OR ANY OTHER ERRORS THAT MAY OCCUR WHEN DRILLING A PANEL ON SITE.**

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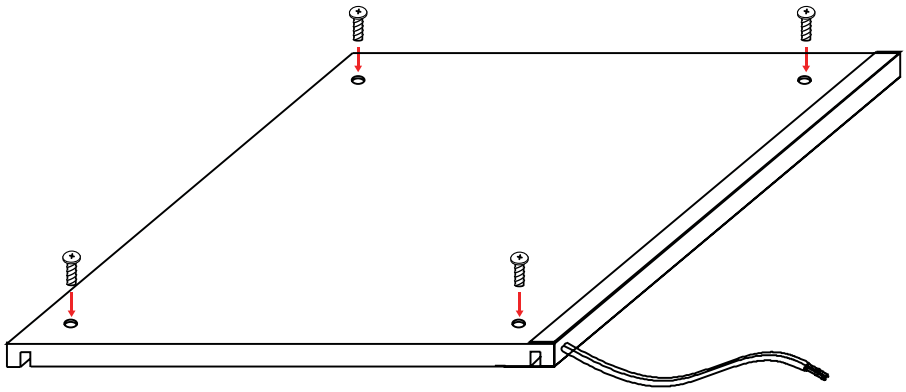
INSTALLATION INSTRUCTIONS

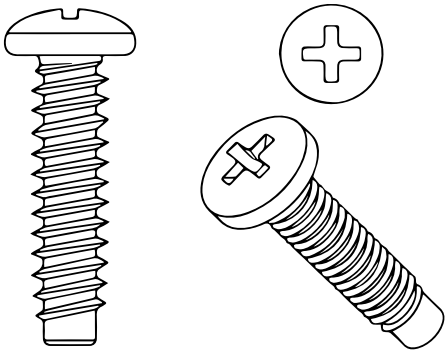
ADDITIONAL MOUNTING OPTIONS

PANEL WITH PREDRILLED HOLES

*Holes can be drilled at factory according to drawings supplied (recommended).

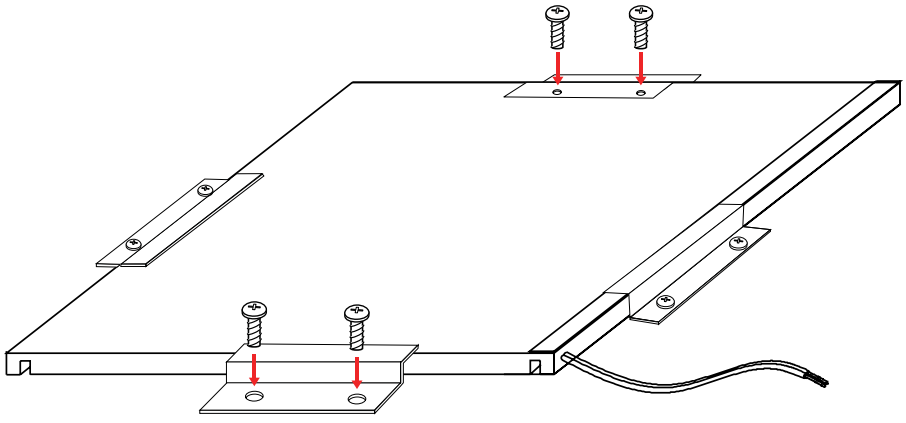


Secure panel with screws



RECOMMENDED SCREWS:
Stainless Steel (M4) Screws

PANEL WITH FRENCH CLEATS / 'Z CLIPS'



Use French Cleats to mount to a wall and secure with screws