

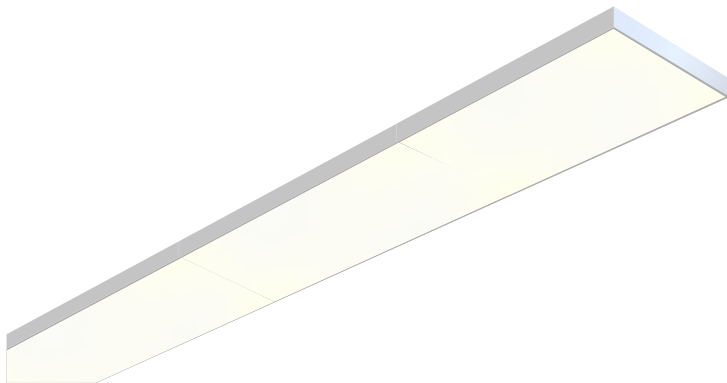


SOL SERIES

INFINITY CLOUD

with SOL Light Engine

- The INFINITY CLOUD with SOL Light Engine is a modular ceiling fixture designed to create virtually seamless illuminated surfaces with minimal visible joints, allowing multiple panels to connect together for continuous runs and large-scale lighting compositions. Featuring EOS advanced SOL Light Engine technology, this system delivers exceptionally even illumination while maintaining superior performance in high humidity and high temperature environments, making it suitable for both indoor and optional outdoor applications.
- Designed with a clean modern aesthetic and slim profile, the INFINITY CLOUD with SOL Light Engine can be surface mounted, recessed, or suspended using aircraft cable or rigid mounting options. Its modular construction enables long illuminated corridors, expansive ceiling features, and architectural lighting installations with the appearance of one continuous luminous surface.



APPLICATIONS



HOSPITALITY



COMMERCIAL INTERIOR



RESTAURANT



BARS



OUTDOOR



RETAIL



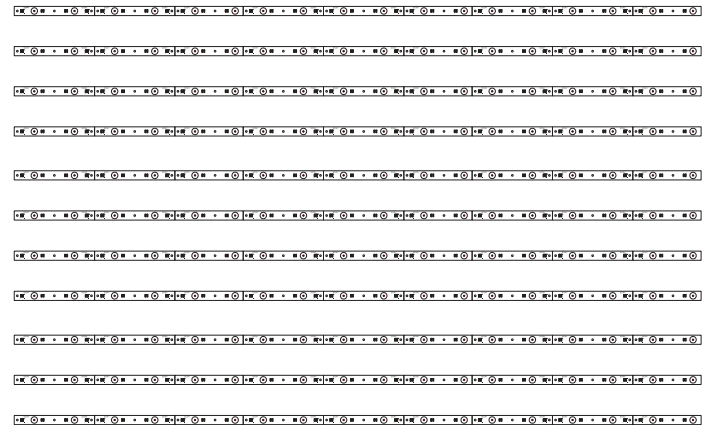
HEALTHCARE



FEATURES

- Virtually Seamless Panel Connections
- SOL Light Engine Technology
- Indoor Rated, Optional Outdoor IP65
- High Humidity & High Heat Resistant
- Surface, Recessed, or Suspended Mounting
- Continuous Illumination for Long Runs

INTERNAL CONSTRUCTION WITH SOL LIGHT ENGINE



GENERAL SPECIFICATIONS

BACKLIT MODULE ENGINE

The Sol Light Engine is a Backlighting Module consisting of a 160° lens mounted directly on to each LED module for even illumination.

THICKNESS

3" Depth

POWER OPTIONS

24VDC Standard Power

MAX DIMENSIONS

96" x 48"

WATTAGE

9 W/sqFt. - 24V Standard Power (Optional: 12V)

LEDs

ANSI Binned LEDs from Tier 1 Suppliers

LED CRI > 80

LED CRT - 1800K - 7500K, UV

DIMMABLE

The system is dimmable to <10% when matched with Dimmable Power Supplies

WIRE GAUGE

20 Gauge for Static White

DRIVER INPUT VOLTAGE

100V TO 480V

DAMP LOCATION RATED

All Outdoor Fixtures are Damp Location Rated when driven with a Class 2 Power Supply.

IP RATNG

Indoor Rated IP20

Outdoor Rated IP65 (optional)

SERVICE AND INSTALLATION

Comes with standard keyhole surface mounts, optional suspension mounts are also available.

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](#).

MOUNTING

CLOUD Indoor/Outdoor with SOL Light Engine come with standard keyhole surface mounts. Optional Z-clip or aircraft cable suspension mounts are also available.

OPTIONAL SPECIFICATIONS



COMPATIBLE POWER SUPPLIES

0-10V dimming | DMX/DALI

Electronic low voltage (ELV)

RF Dimmable Plug In

Inline Dimmable Plug-In



COLOR TEMPERATURES

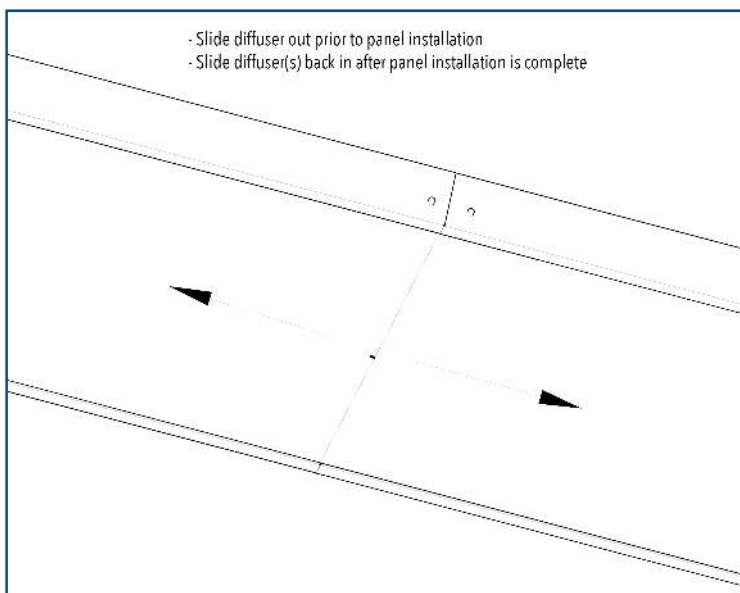
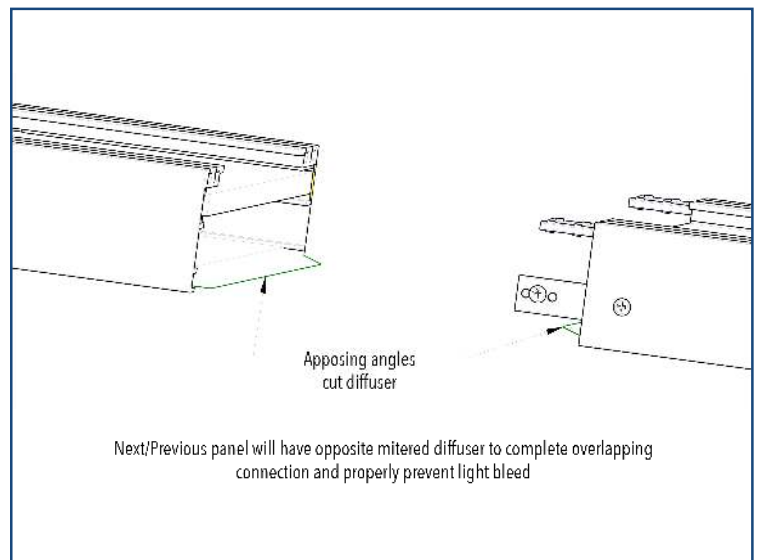
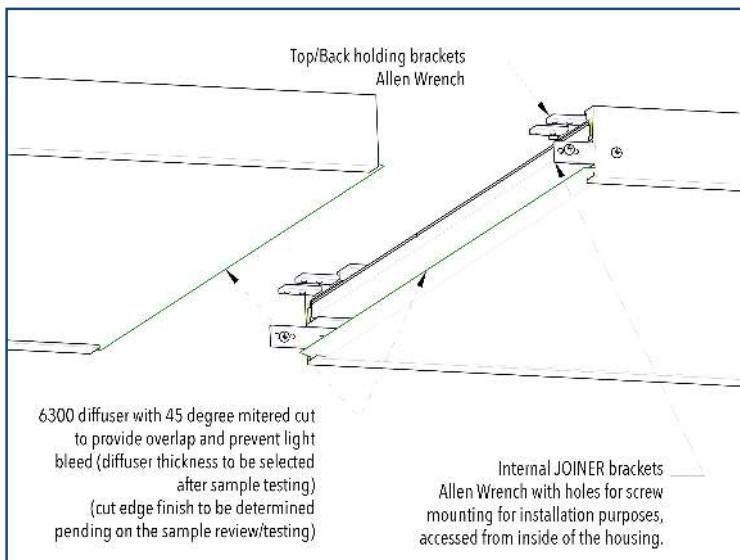
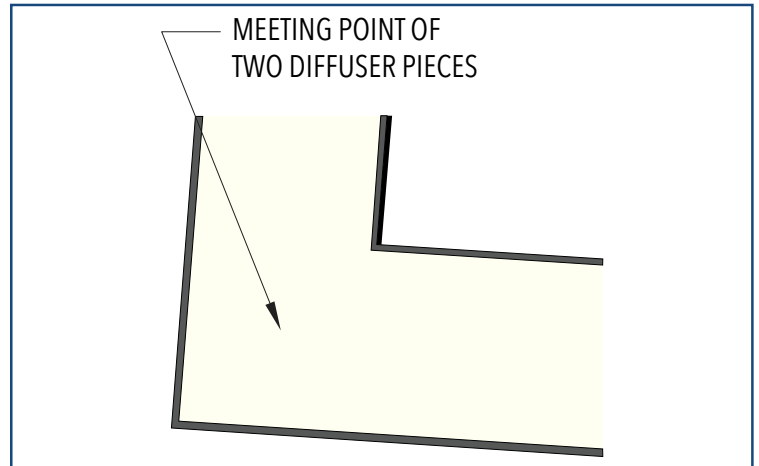
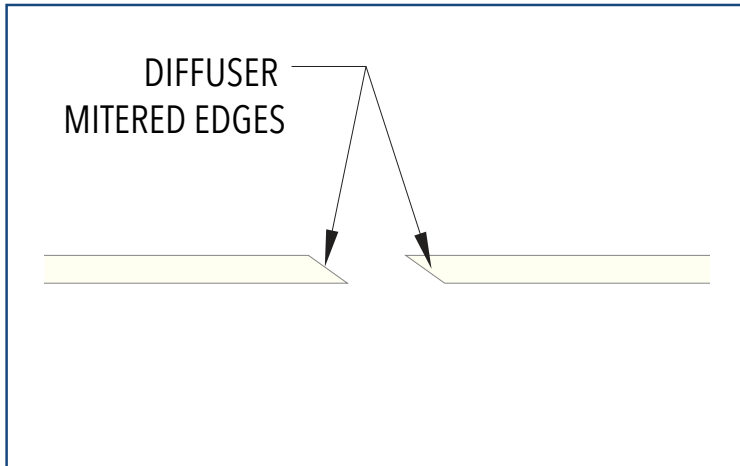
1800K - 2400 K - 2700 K - 3000 K -
3500 K - 4000 K - 5000 K - 6000 K -
6500 K - 7500 K - UV (Ultraviolet) -
Tunable white -
RGB/RGBW/RGBA available

APPROVALS AND CERTIFICATIONS

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



SECTION DETAIL





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	FIXTURE TYPE	VOLTAGE	DIMENSIONS TOP SIDES		LED SIDES	COLOR TEMP	LED POWER	CORD LENGTH	CORD LOCATION	CORD COLOR	POWER SUPPLY
3	INFCL-IC	24V	40	50	2SL	2700	SP	CC6	TL	BC	ELV

A

B

C

D

E

F

G

H

I

J

A: FIXTURE TYPE

INFCL-IC - INFINITY CLOUD Indoor
with SOL Light Engine (Standard)
INFCL-WC - INFINITY CLOUD Outdoor
with SOL Light Engine (Optional)

B: VOLTAGE

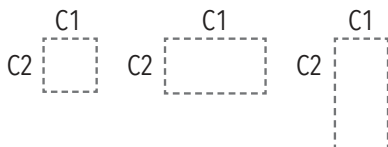
24V - 24V (Standard)
12V - 12V (Optional)

C: DIMENSIONS

(Generated by Client)

C1 - Top Dimension

C2 - Side Dimension



D: LED SIDES

1SL - One Side
2SL - Two Side
3SL - Three Side

E: COLOR TEMPERATURE

WT - White Static only
1800 - 1800K **4000** - 4000 K
2400 - 2400 K **5000** - 5000 K
2700 - 2700 K **6000** - 6000 K
3000 - 3000 K **6500** - 6500 K
3500 - 3500 K **7500** - 7500 K
UV - Ultraviolet

F: LED POWER

SP - Standard Power (9W/sqFt)

G: POWER CORD LENGTH

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

H: 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

I: POWER CORD COLOR

BC - Black
WT - White

J: POWER SUPPLY INFO

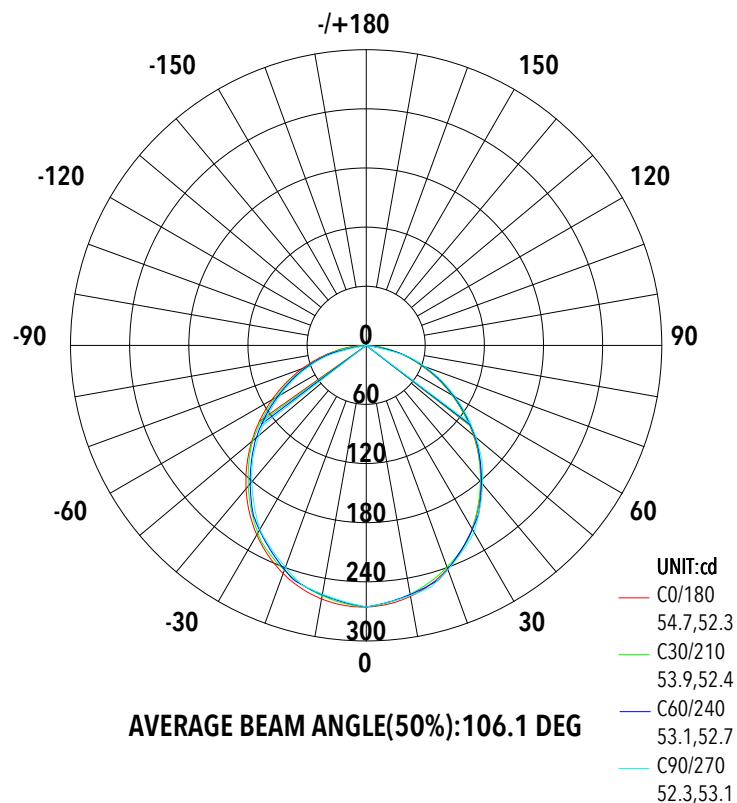
010V - 010V Dimmable Hardwire
ELV - Electronic Low Voltage
Dimmable Hardwire
DMX - DMX /DALI
PI - Plug In, DC Jack
DPI - Dimmable Plug in w/ remote
HW - Non-Dimmable Hardwired



NAME	INFCL-IC-24V-19.685x19.685-4SL-4000-SP
NOMINAL POWER(W)	50.011
RATED VOLTAGE(V)	24
NOMINAL FLUX(lm)	644.692
SIZE	19.685" x 19.685"
COLOR	4000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

Infinity Cloud with SOL Light Engine, 19.685" x 19.685",
24 V, Standard Power, 4000K





PHOTOMETRY

NAME	INFCL-IC-24V-19.685x19.685-4SL-4000-SP
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COLOR	4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Y (DEG) \ C (DEG)	0	45	90	135	180	225	270	315
0	1967	1967	1967	1967	1967	1967	1967	1967
5	1964	1956	1954	1956	1964	1939	1930	1939
10	1956	1943	1941	1943	1956	1909	1892	1908
15	1941	1926	1928	1927	1941	1875	1854	1874
20	1917	1907	1863	1908	1913	1839	1770	1837
25	1879	1847	1798	1851	1869	1765	1685	1765
30	1823	1774	1733	1780	1809	1677	1600	1679
35	1731	1695	1621	1702	1732	1583	1477	1586
40	1611	1604	1509	1610	1625	1478	1354	1472
45	1467	1463	1397	1472	1491	1343	1231	1320
50	1307	1312	1251	1327	1338	1199	1082	1165
55	1136	1157	1105	1180	1170	1049	934	1009
60	954	981	959	1008	994	881	785	838
65	770	809	797	839	815	714	631	670
70	586	635	635	669	635	549	477	504
75	407	459	473	498	461	386	324	341
80	233	249	0	283	290	198	0	162
85	74	0	0	0	130	0	0	0
90	0.77	0	0	0	0.89	0	0	0

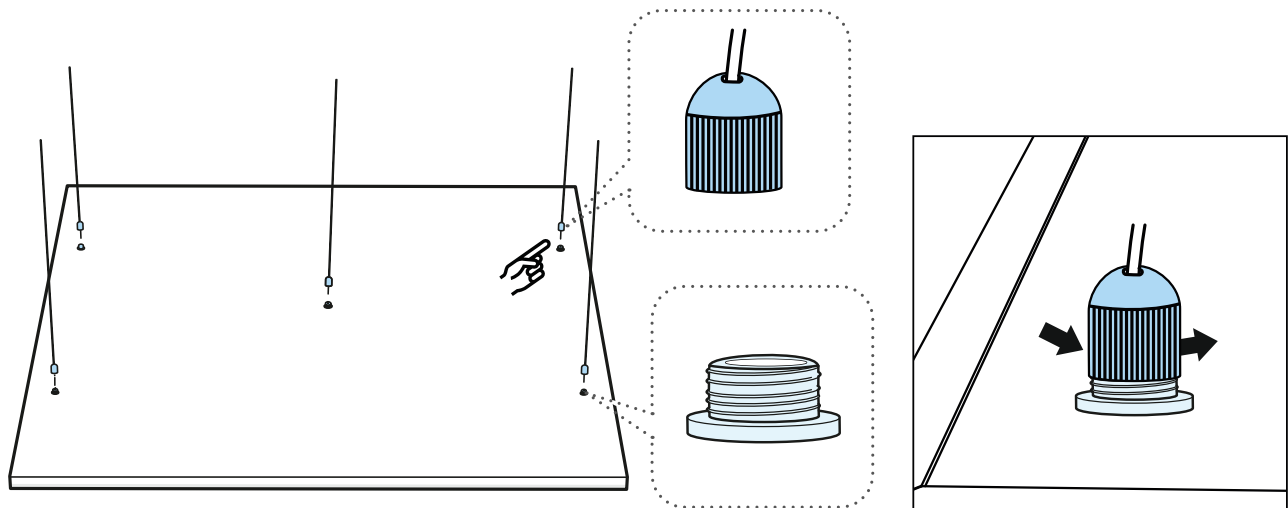
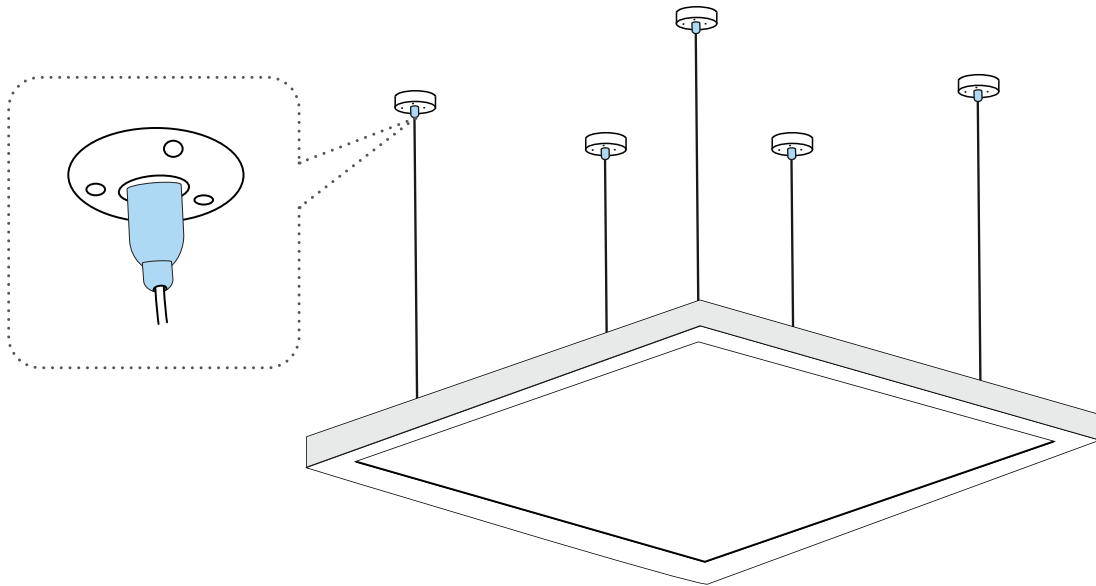


INSTALLATION

Ceiling Mount

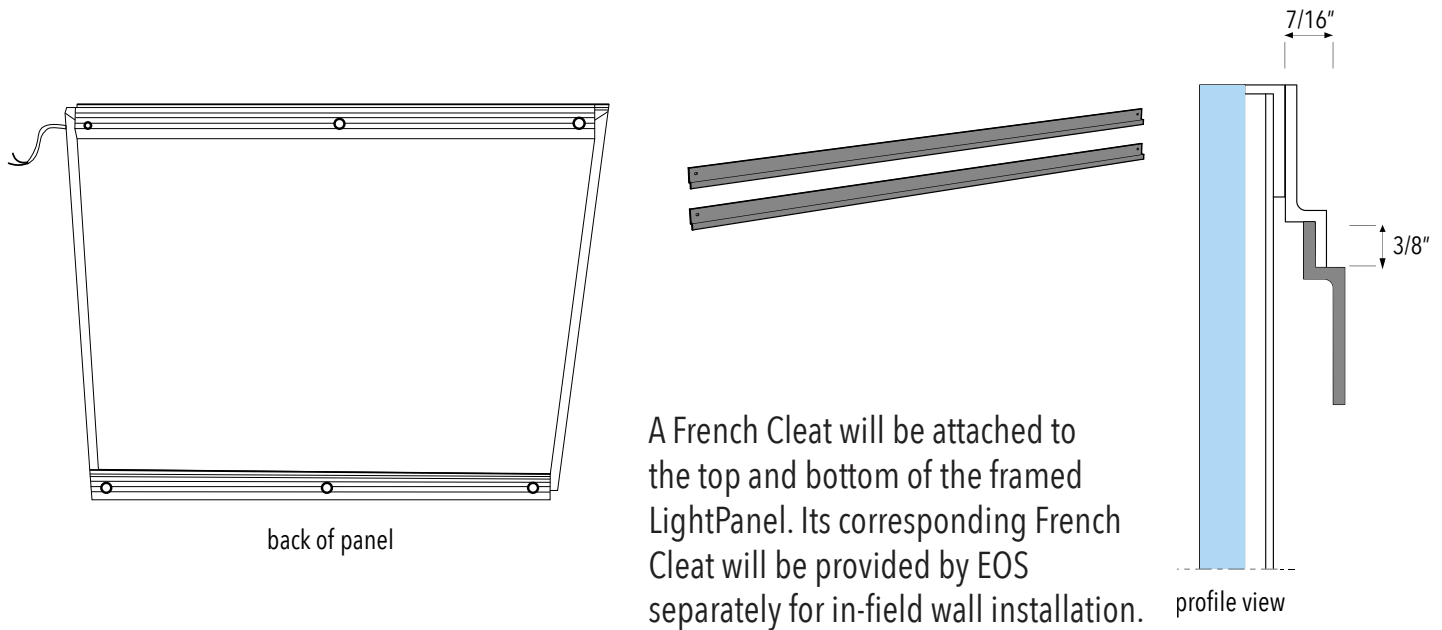
INSTALLATION FOR CEILING APPLICATIONS

Use of aircraft cables for suspended ceilings

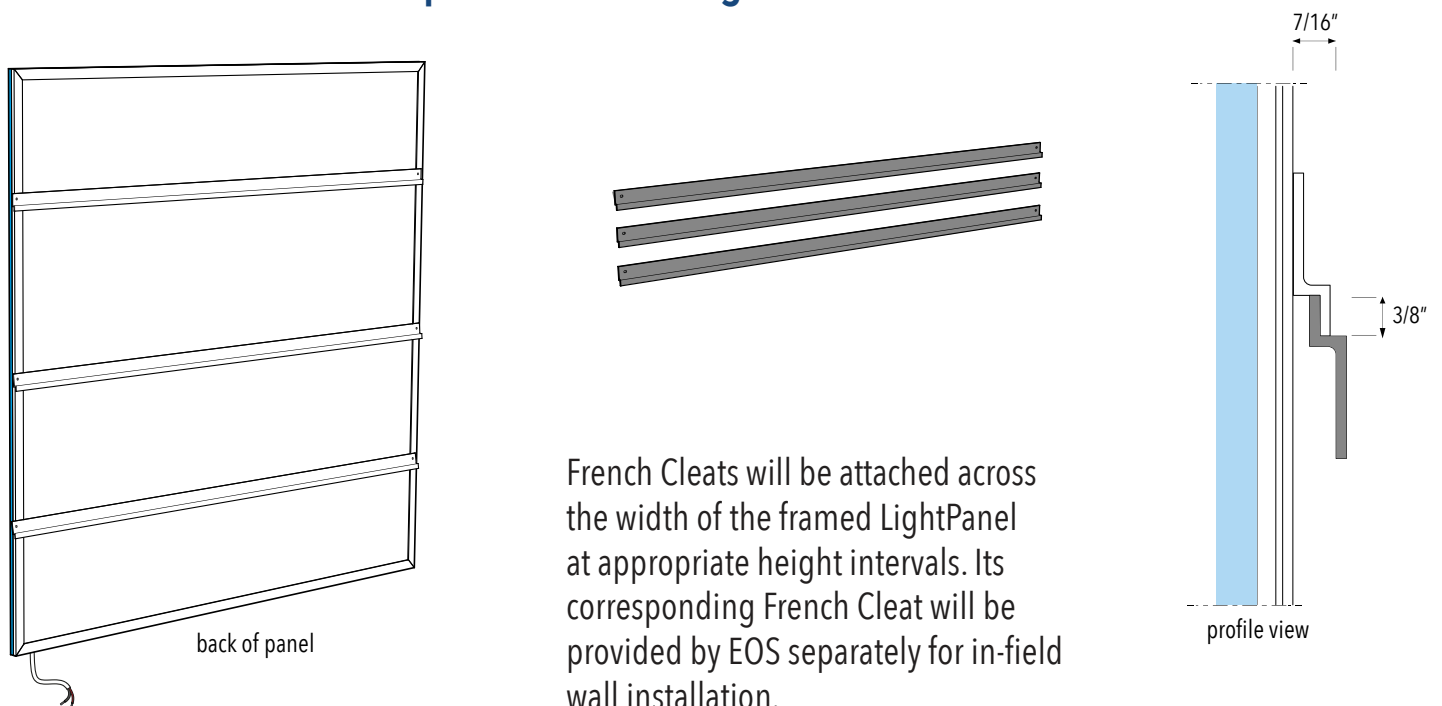


Screw the threaded endcaps on the aircraft cables to the panel by attaching them to the pre-installed, threaded stubs on the back of the panel.

French Cleats for horizontal / landscape framed LightPanels*

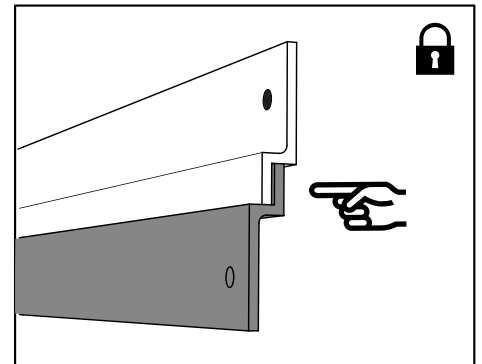
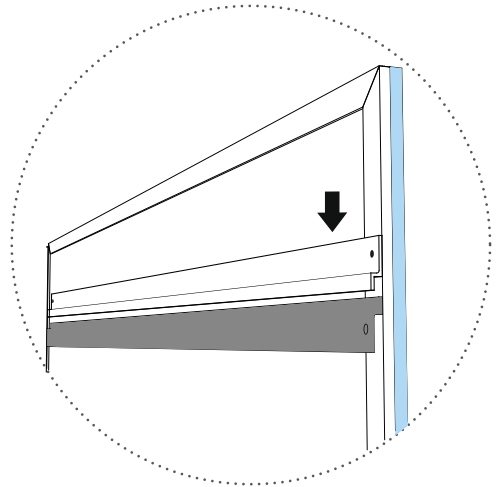
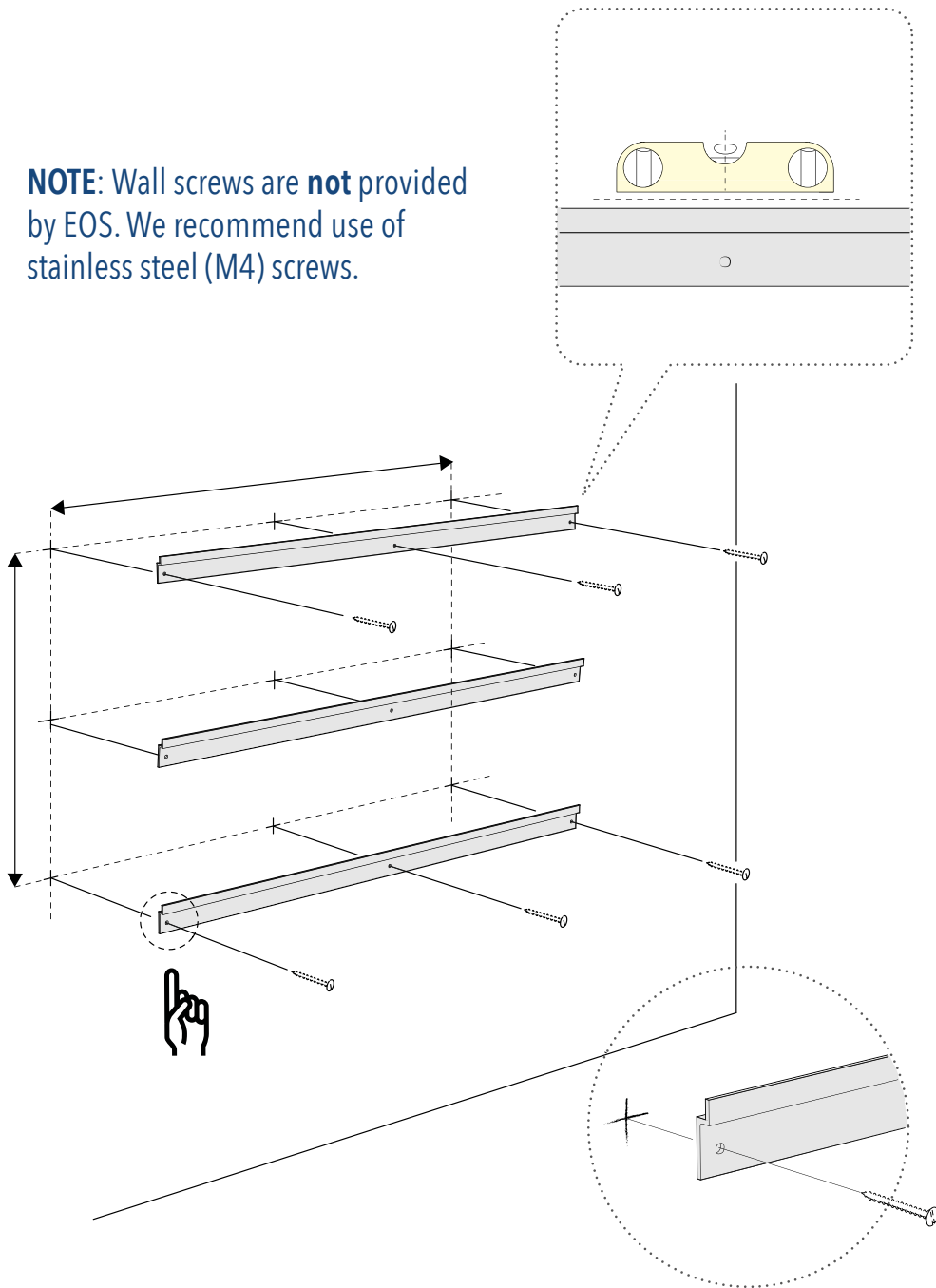


French Cleats for vertical / portrait framed LightPanels*



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

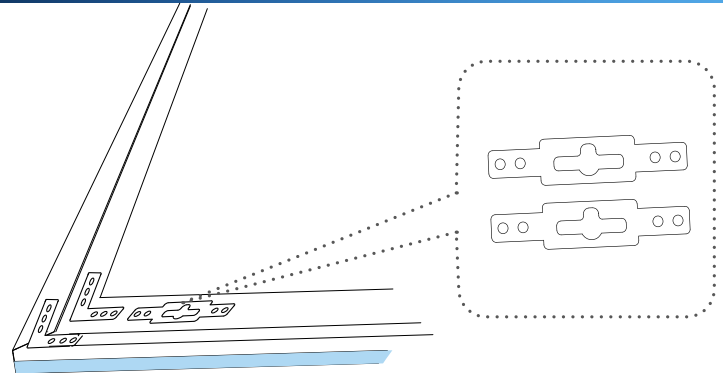
NOTE: Wall screws are **not** provided by EOS. We recommend use of stainless steel (M4) screws.



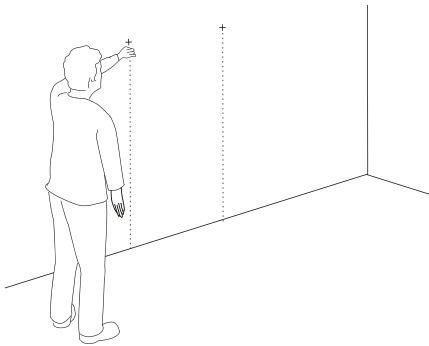
Fix the French Cleats to the wall with screws or other suitable fixing systems paying attention to:

- 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.

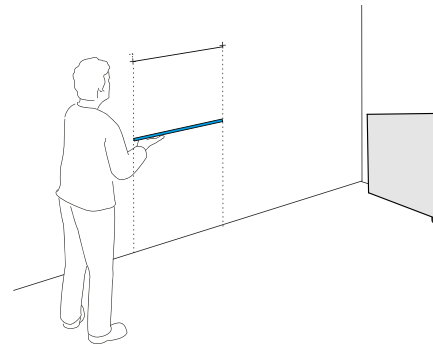
1. Measure precise span of keyhole hooks on your LightPanel from hole to hole.



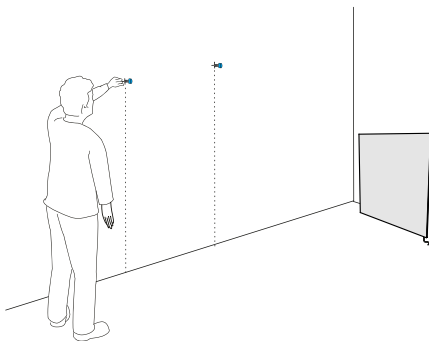
2. Using that width, measure your desired hanging height from the floor in both keyhole locations.



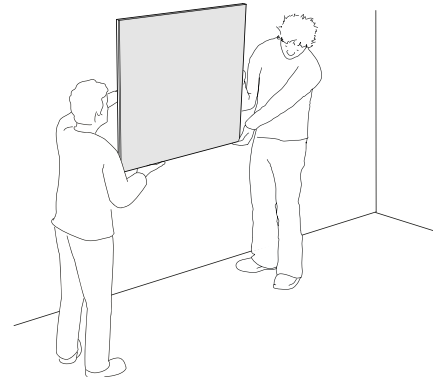
3. Use a string or ruler to connect the two holes locations on wall, then use a level to be sure they are exactly accurate, or adjust as needed.



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

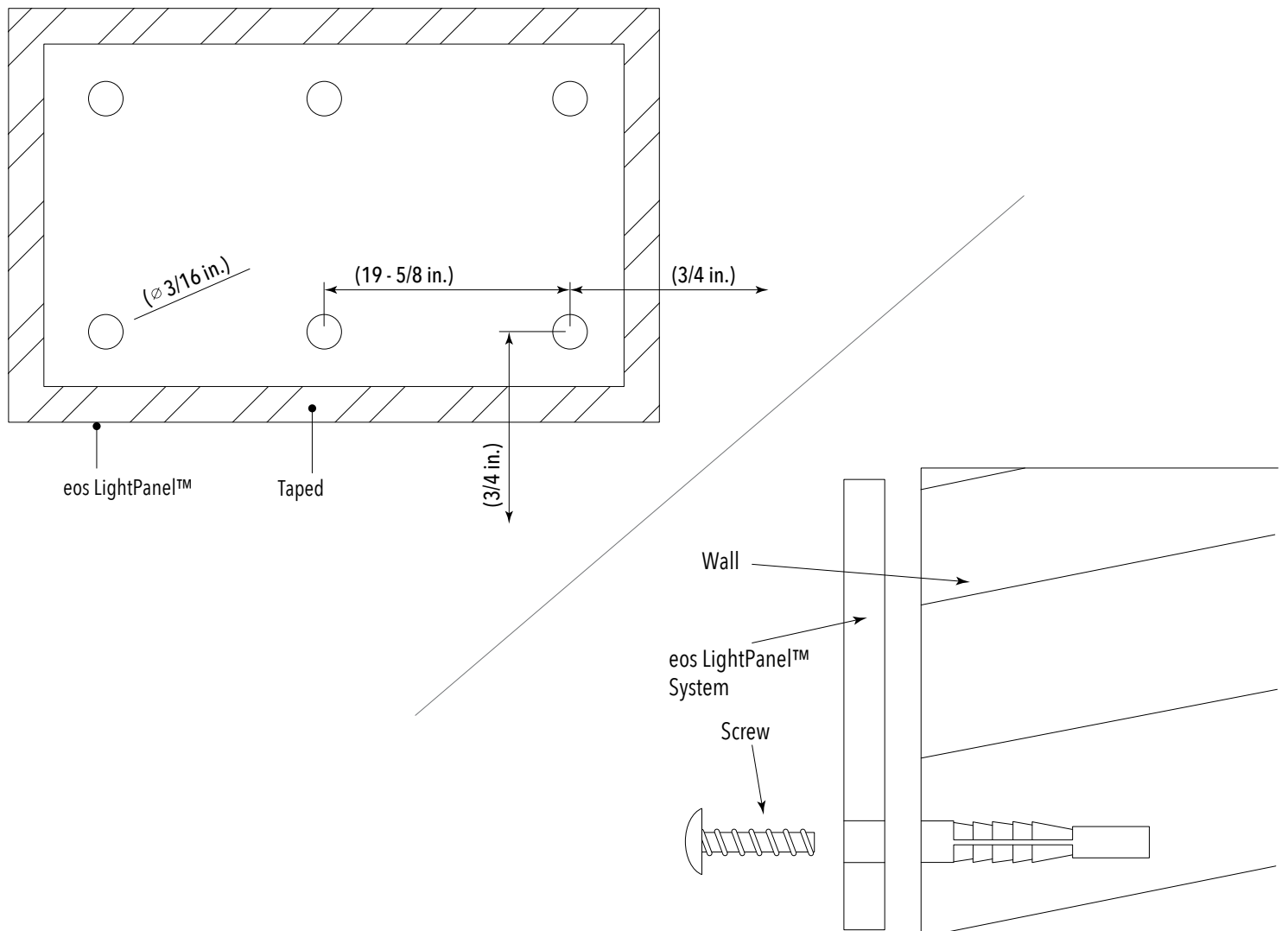


5. Carefully lift your panel (with two or more people, if necessary) to insert the fasteners into the keyhole hooks' holes.





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.**

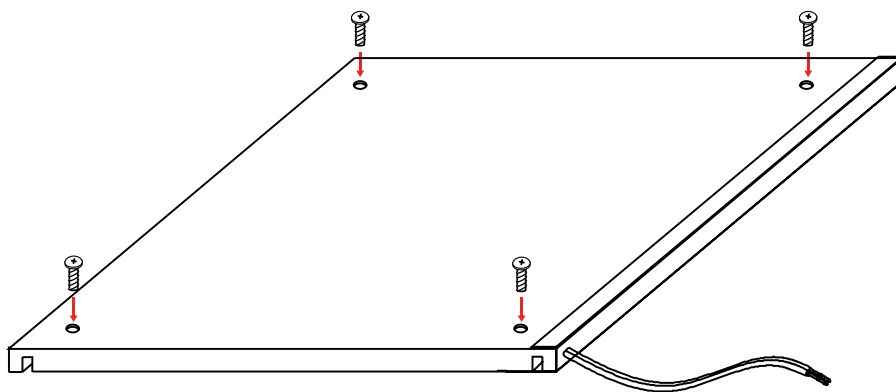


INSTALLATION INSTRUCTIONS

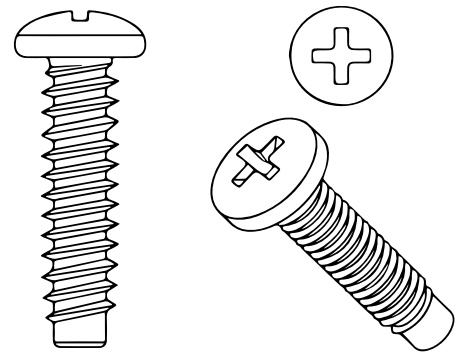
ADDITIONAL MOUNTING OPTIONS

PANEL WITH PREDRILLED HOLES

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

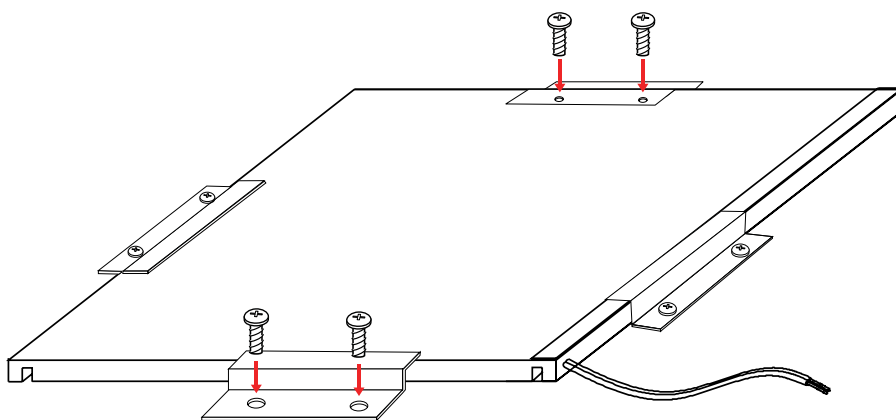


Secure panel with screws



RECOMMENDED SCREWS:
Stainless Steel (M4) Screws

PANEL WITH FRENCH CLEATS / 'Z CLIPS'



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

