

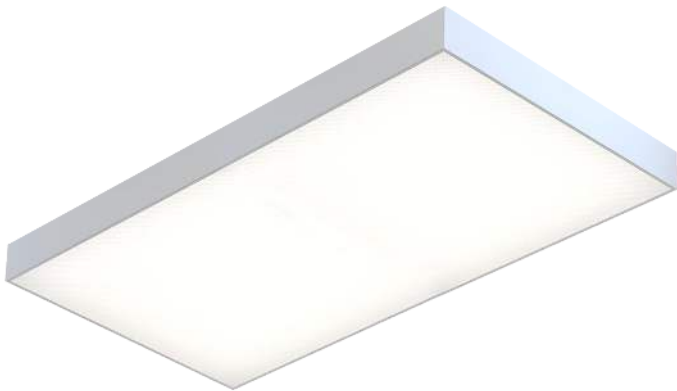


SOL SERIES

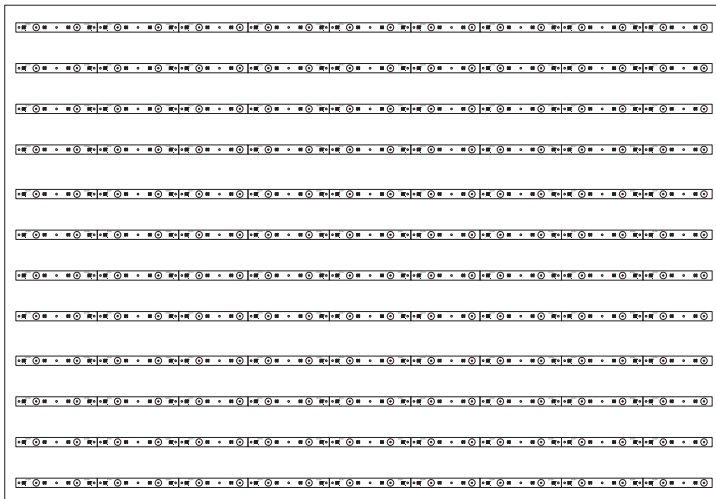
CLOUD

Indoor/Outdoor

- The CLOUD Indoor/Outdoor with SOL Light Engine is an IP20 (Indoor) and IP65 (outdoor) rated ceiling fixture with an opal lens and a clean modern aesthetic for indoor, outdoor or damp locations.
- The CLOUD Indoor/Outdoor with SOL Light Engine can be surface mounted, recessed, or suspended with aircraft cable.



INTERNAL CONSTRUCTION WITH SOL LIGHT ENGINE



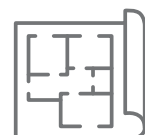
FEATURES

- Easy installation with various mounts.
- Indoor Rated, Optional Outdoor.
- Can be placed in high humidity environment.
- Can be placed in high heat environment, up to 50° C.
- Slim profile at 3" depth.
- 350 Lumens/sqft

APPLICATIONS



HOSPITALITY



COMMERCIAL INTERIOR



RESTAURANT



BARS



OUTDOOR



RETAIL



HEALTHCARE

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

MAX DIMENSIONS

48" x 120"

WATTAGE

9W/sqFt.

DIMMABLE

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

WIRE GAUGE

20GA Wiring for White Panels, 24GA for Color

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)

DRIVER INPUT VOLTAGE

100V TO 480V

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.

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

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.





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		FIXTURE LENS	COLOR TEMP	LED POWER	CORD LENGTH	CORD LOCATION	CORD COLOR	POWER SUPPLY
3	WC-BM	24V	48	50	OP	WT	SP	CC9	TL	BC	ELV
	↑	↑	↑		↑	↑	↑	↑	↑	↑	↑
	A	B	C		D	E	F	G	H	I	J

A: FIXTURE TYPE

IC-BM - CLOUD Indoor with SOL Light Engine (Standard)

WC-BM - CLOUD Outdoor with SOL Light Engine (Optional)

B: VOLTAGE

24V - 24V (Standard)

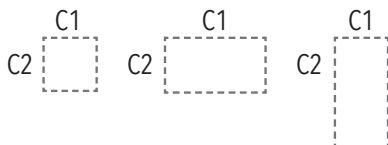
12V - 12V (Optional)

C: DIMENSIONS

(Generated by Client)

C1 - Top Dimension

C2 - Side Dimension



D: FIXTURE LENS

OP - Opal (Standard)

CL - Clear (Optional)

*2mm polycarbonate lens

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

RGBA - RGBA **RGB** - RGB

UV - Ultraviolet **RGBW** - RGBW

TW - Tunable White

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

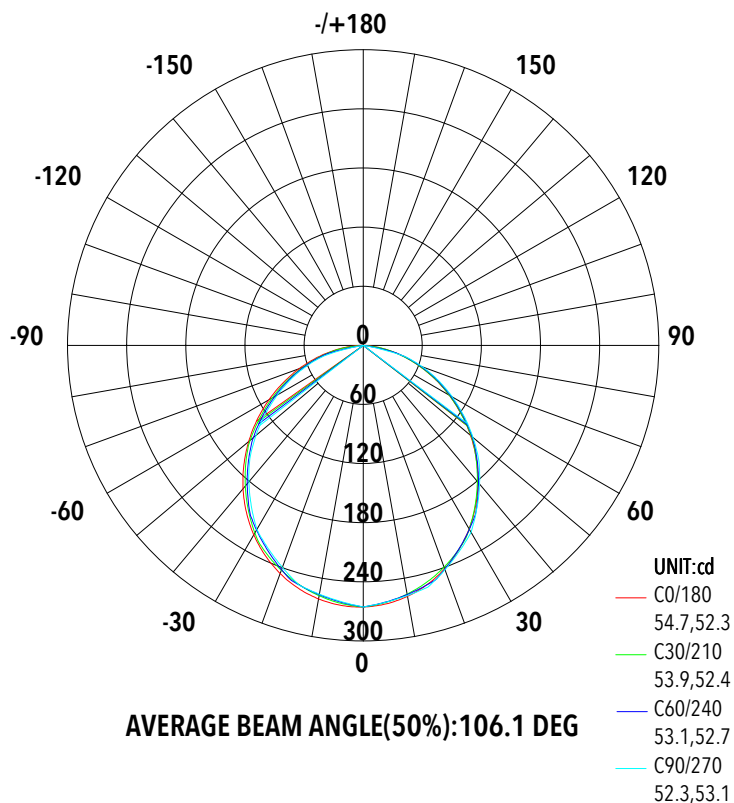
HW - Non-Dimmable Hardwired



NAME	IC-BM-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

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





PHOTOMETRY

NAME	IC-BM-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 DISTRIBUTION INTENSITY DATA

C (DEG) Y (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

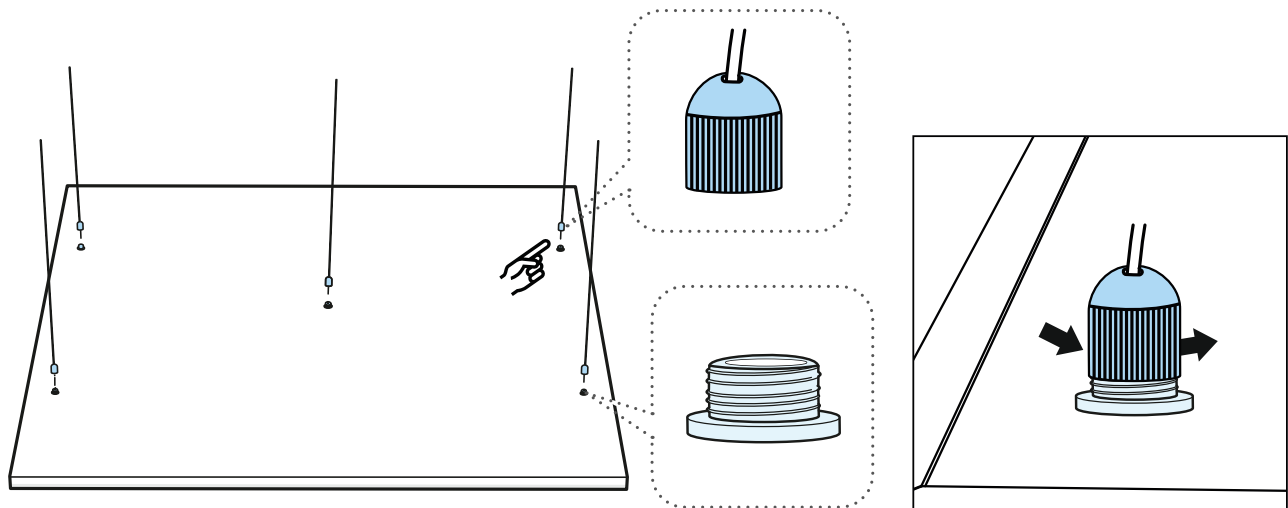
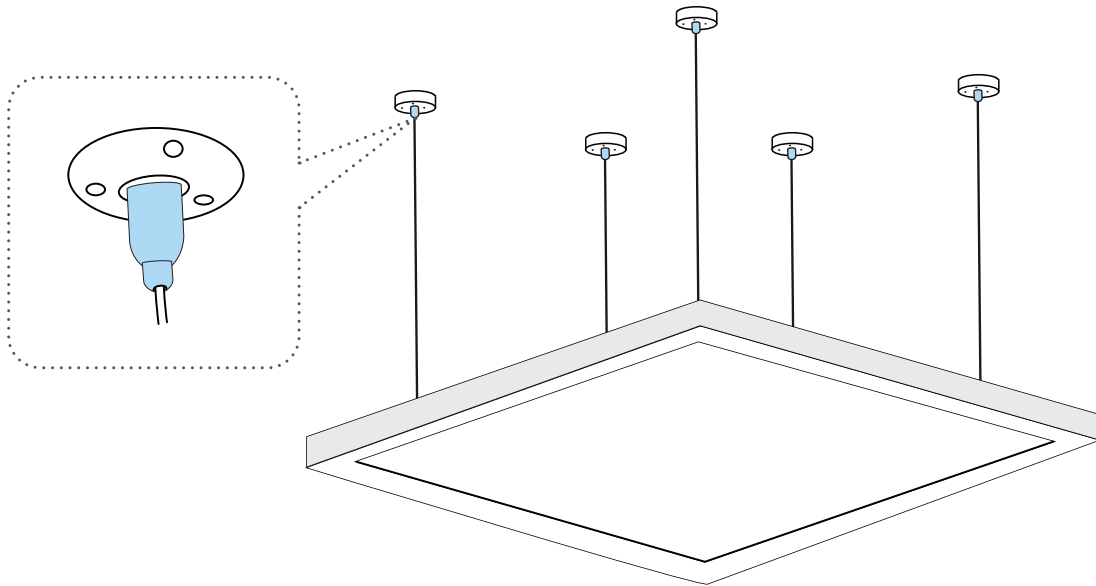


INSTALLATION

Ceiling Mount

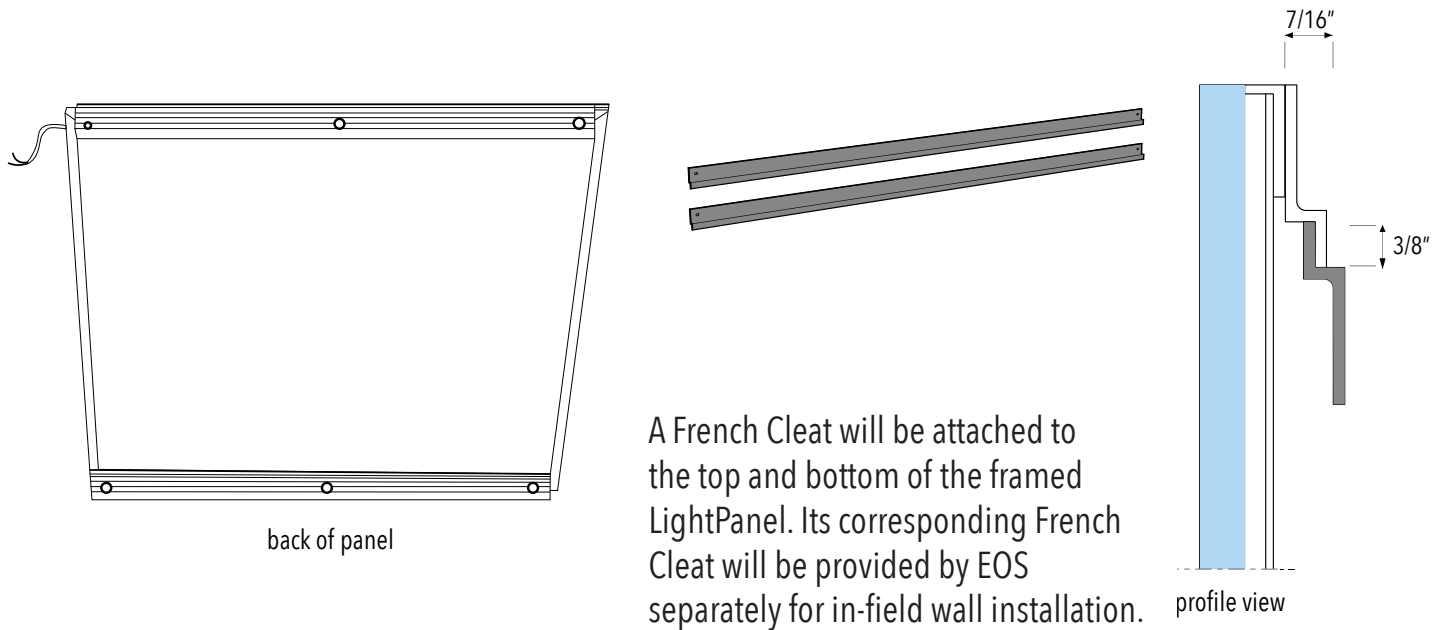
INSTALLATION FOR CEILING APPLICATIONS

Use of aircraft cables for suspended ceilings

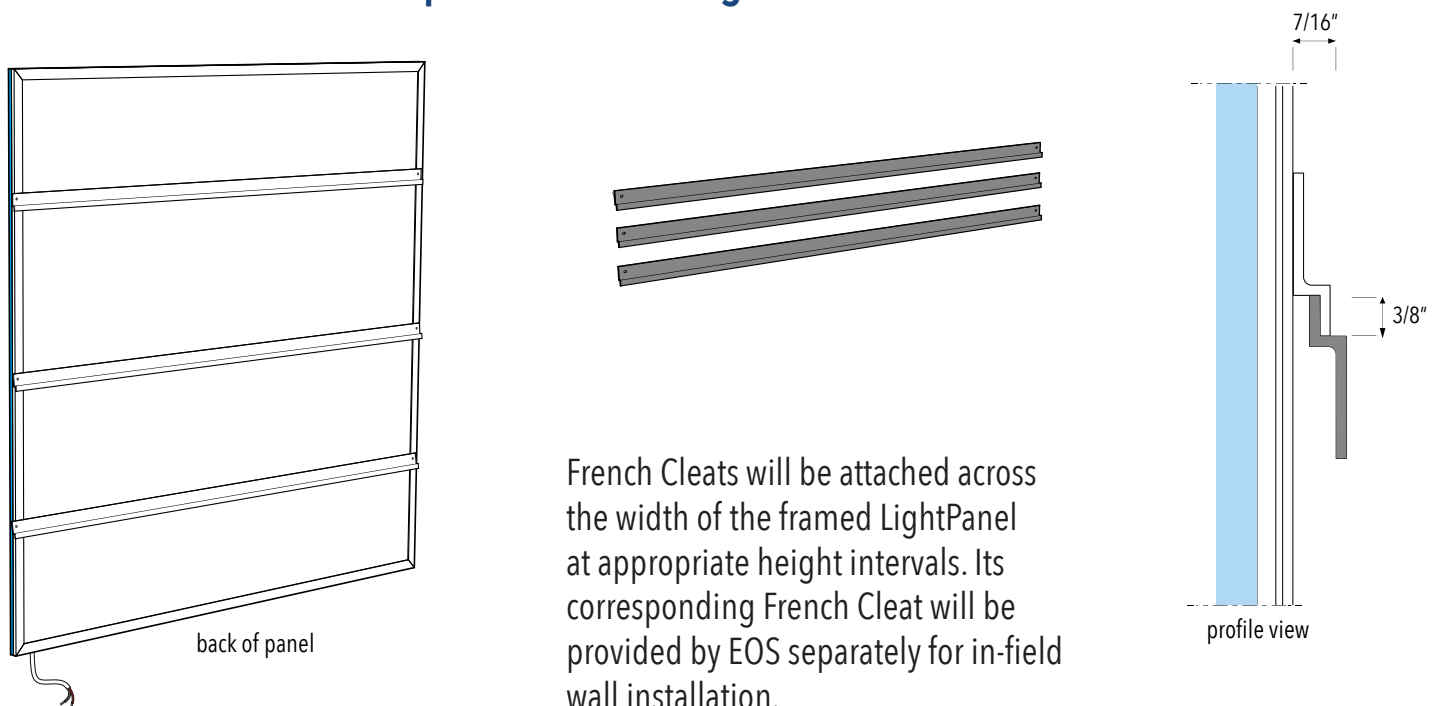


Screw the threaded endcaps on the aircraft cables to the panel by attaching them to the pre-installed, threaded stubs on the back of the panel.

French Cleats for horizontal / landscape framed LightPanels*

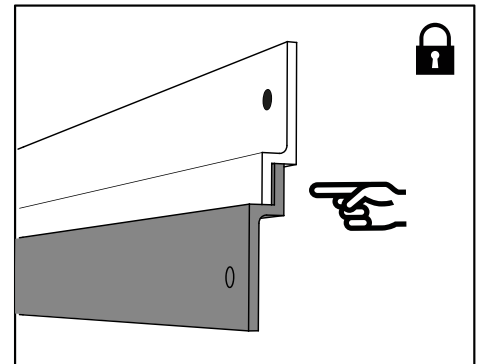
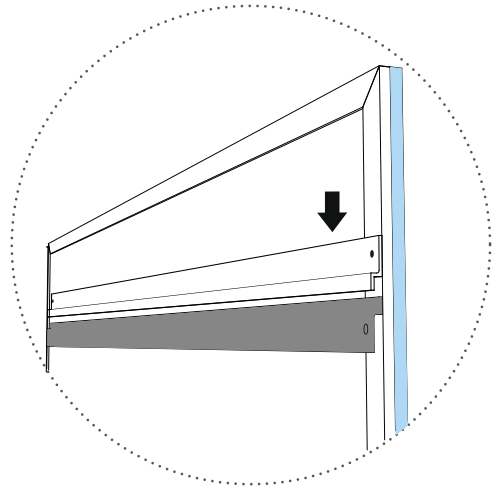
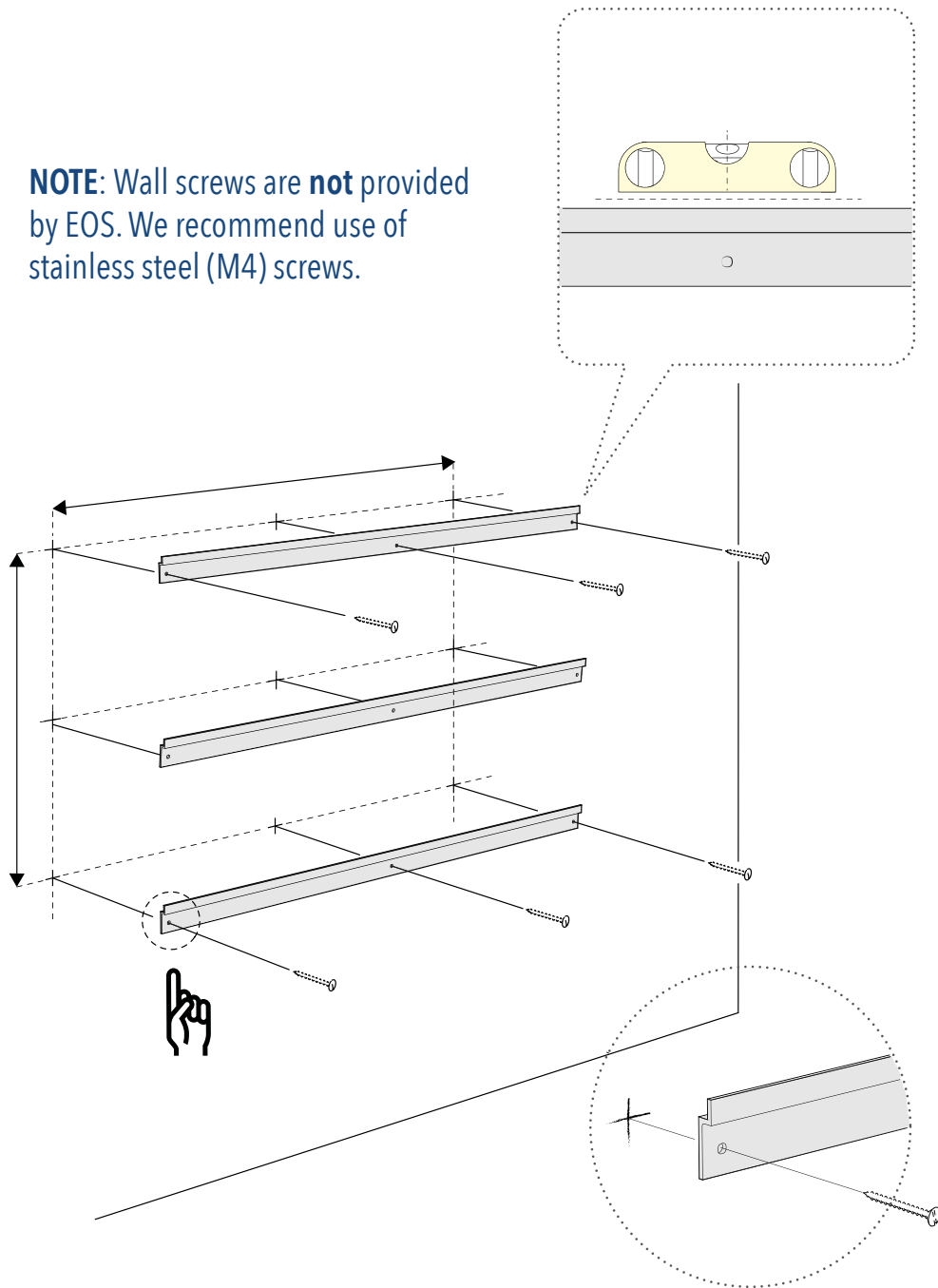


French Cleats for vertical / portrait framed LightPanels*



*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.



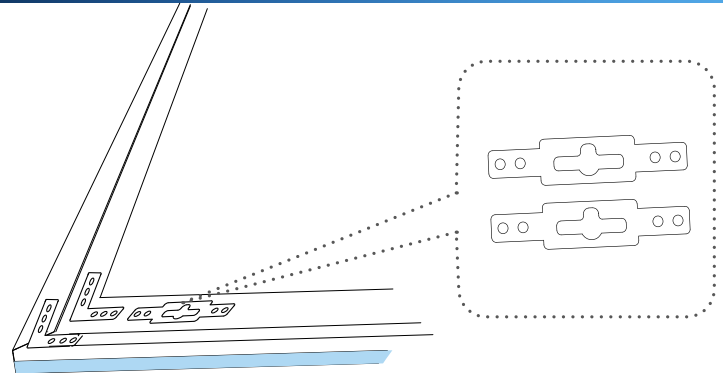
Fix the French Cleats to the wall with screws or other suitable fixing systems paying attention to:

- 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.

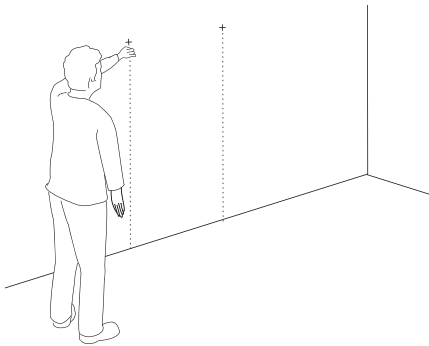


OPTIONAL MOUNTING METHOD FOR WALL APPLICATIONS: Keyhole Hooks

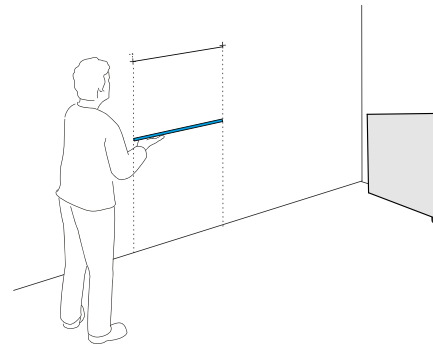
1. Measure precise span of keyhole hooks on your LightPanel from hole to hole.



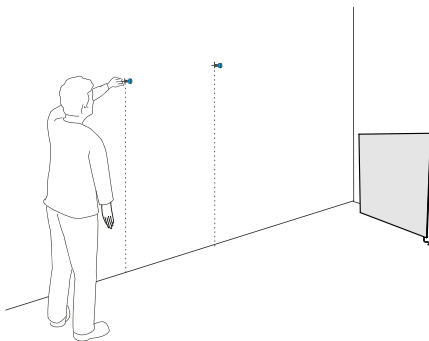
2. Using that width, measure your desired hanging height from the floor in both keyhole locations.



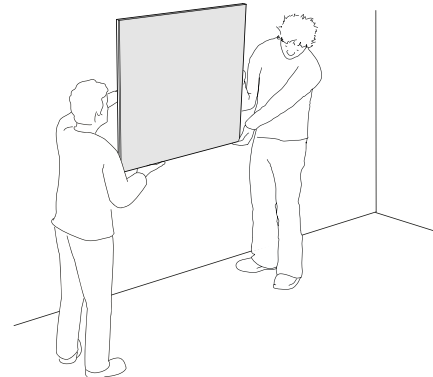
3. Use a string or ruler to connect the two holes locations on wall, then use a level to be sure they are exactly accurate, or adjust as needed.



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

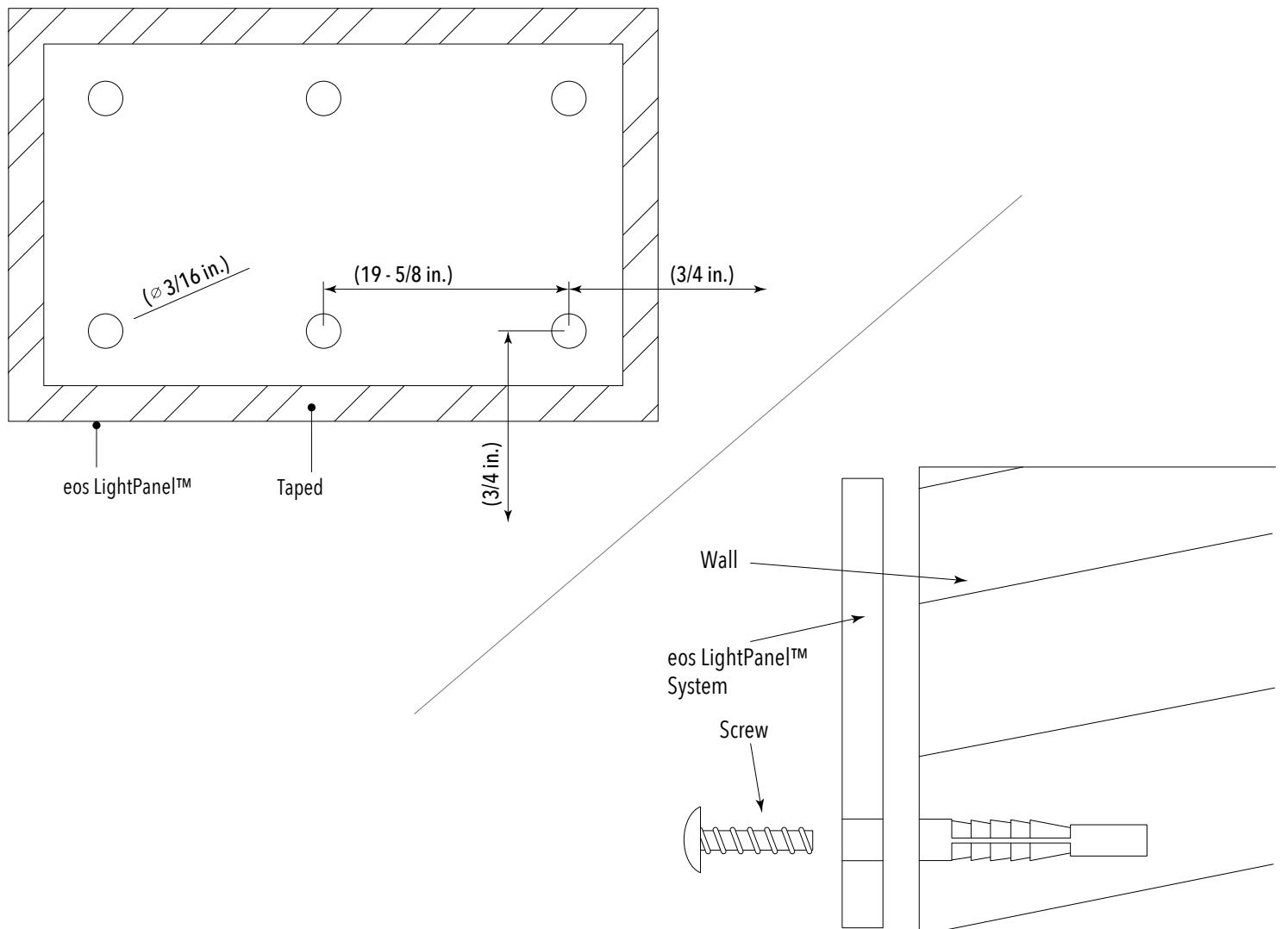


5. Carefully lift your panel (with two or more people, if necessary) to insert the fasteners into the keyhole hooks' holes.





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.**

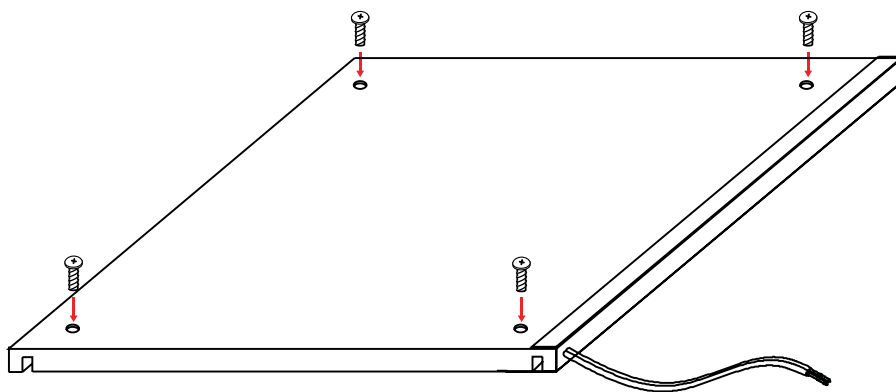


INSTALLATION INSTRUCTIONS

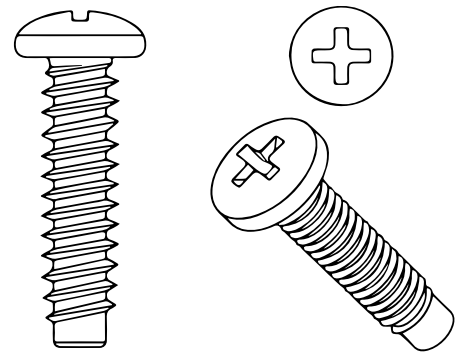
ADDITIONAL MOUNTING OPTIONS

PANEL WITH PREDRILLED HOLES

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

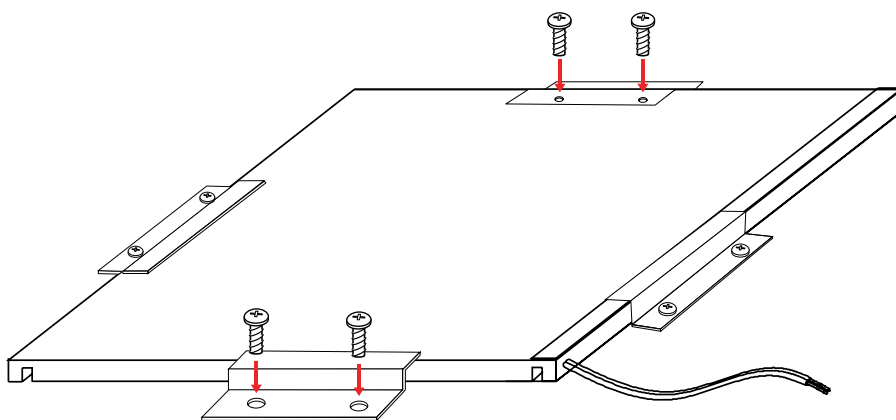


Secure panel with screws



RECOMMENDED SCREWS:
Stainless Steel (M4) Screws

PANEL WITH FRENCH CLEATS / 'Z CLIPS'



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

