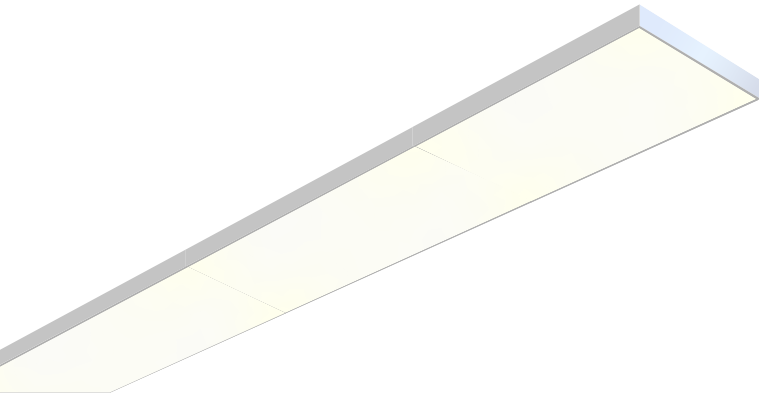




INFINITY CLOUD

Luminaire

- The INFINITY CLOUD LUMINAIRE is a squared ceiling fixture with a clean modern aesthetic for indoor locations. It's main point of difference compared with our standard Cloud fixtures is that these can be joined together for a virtually limitless combined length with minimal seam lines, perfect for long illuminated hallways or walkways without worrying about any conspicuous divisions between panels.
- The INFINITY CLOUD LUMINAIRE can be surface mounted or suspended with either rigid poles or aircraft cabling. Available in gloss and matte finish options.



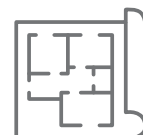
FEATURES

- Single Sided Illumination
- Medium and Small Sizes
- Low Power
- Easy installation with keyhole hooks for walls and with aircraft suspended cables for ceilings

APPLICATIONS



HOSPITALITY



COMMERCIAL INTERIOR



RESTAURANT



BARS



OUTDOOR



RETAIL



HEALTHCARE



GENERAL SPECIFICATIONS

THICKNESS

1/1-8"

POWER OPTIONS

24VDC Standard Power

MAX DIMENSIONS

96" x 48"

WATTAGE

4.3 W/Ft . -24V Standard Power (Optional: 12V)

DIMMABLE

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

LEDs

ANSI Binned LEDs from Tier 1 Suppliers
LED CRI > 80
LED CRT - 1800K - 7500K, UV

WIRE GAUGE

20 Gauge for Static White

IP RATNG

Indoor Rated IP20

DRIVER INPUT VOLTAGE

100V TO 480V

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

3 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

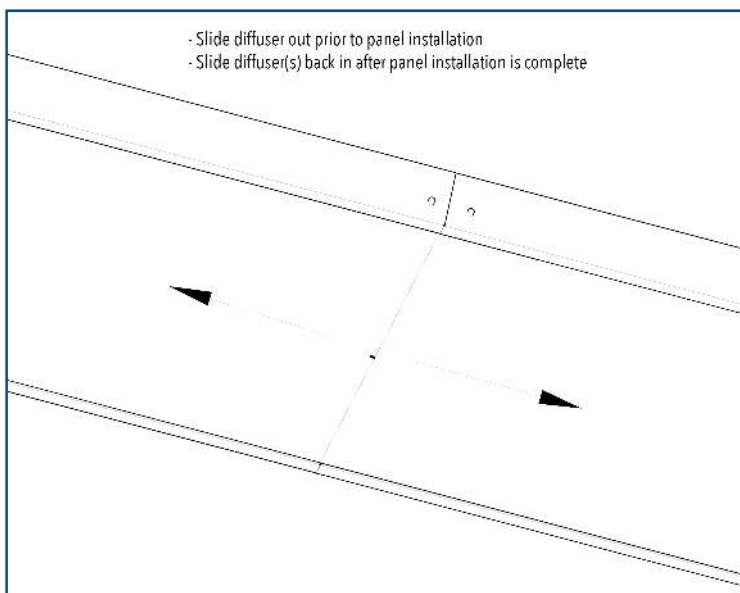
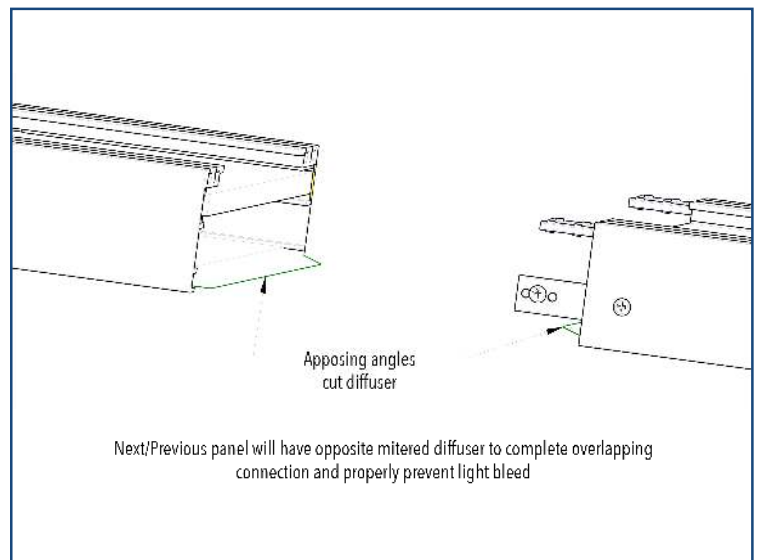
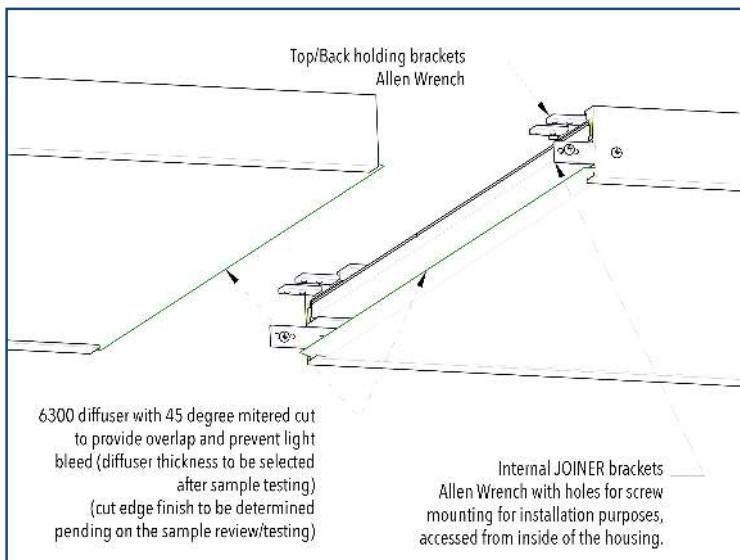
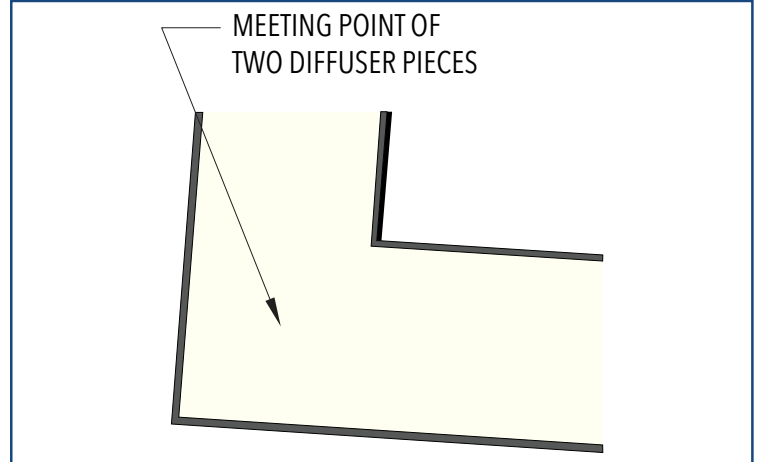
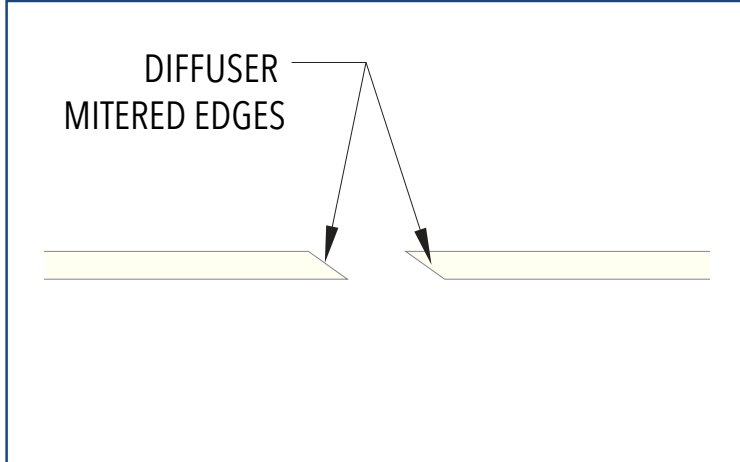
1800K - 2400 K - 2700 K - 3000 K -
3500 K - 4000 K - 5000 K - 6000 K -
6500 K - 7500 K - UV (Ultraviolet)

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	24V	40	50	2SL	2700	SP	CC6	TL	BC	ELV

A

B

C

D

E

F

G

H

I

J

A: FIXTURE TYPE

INFCL - INFINITY CLOUD LUMINAIRE

B: VOLTAGE

24V - 24V (Standard)

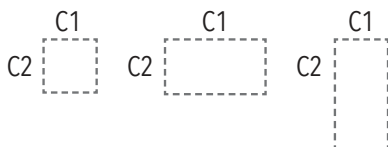
12V - 12V (Optional)

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

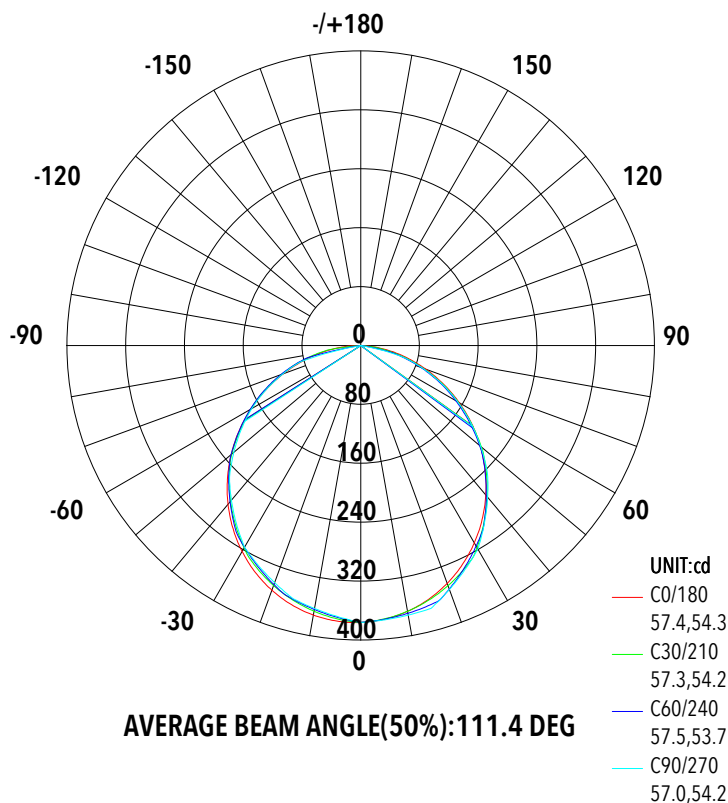
HW - Non-Dimmable Hardwired



NAME	INFCL-24-24x24-SP-6000
NOMINAL POWER(W)	46.0719
RATED VOLTAGE(V)	24
NOMINAL FLUX(lm)	1680.27
SIZE	24" x 24"
COLOR	6000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

Cloud Panel, 24" x 24", 24V,
Standard Power, 6000K





PHOTOMETRY

NAME	INFCL-24-24x24-SP-6000
NOMINAL POWER(W)	46.0719
RATED VOLTAGE(V)	24
NOMINAL FLUX(lm)	1680.27
SIZE	24" x 24"
COLOR	6000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Y (DEG) \ C (DEG)	0	45	90	135	180	225	270	315
0	376	376	376	376	376	376	376	376
5	373	373	374	375	376	371	369	369
10	367	368	372	371	372	365	363	361
15	357	361	370	367	364	357	356	351
20	344	353	353	360	354	347	343	340
25	328	335	336	343	340	333	330	324
30	309	314	319	324	323	316	317	306
35	288	292	294	303	303	298	295	287
40	265	269	269	281	281	279	274	267
45	240	240	244	253	257	254	253	241
50	213	211	213	225	230	229	226	215
55	184	182	183	196	202	204	199	189
60	155	150	152	164	173	174	172	160
65	124	119	121	132	143	145	142	131
70	94.5	88.2	89.2	101	112	116	113	102
75	65.6	57.9	57.6	69.5	81.7	86.7	84	73.8
80	38.4	26	0	34.5	52.7	49.7	0	40
85	13.4	0	0	0	26	0	0	0
90	1.13	0	0	0	2.68	0	0	0

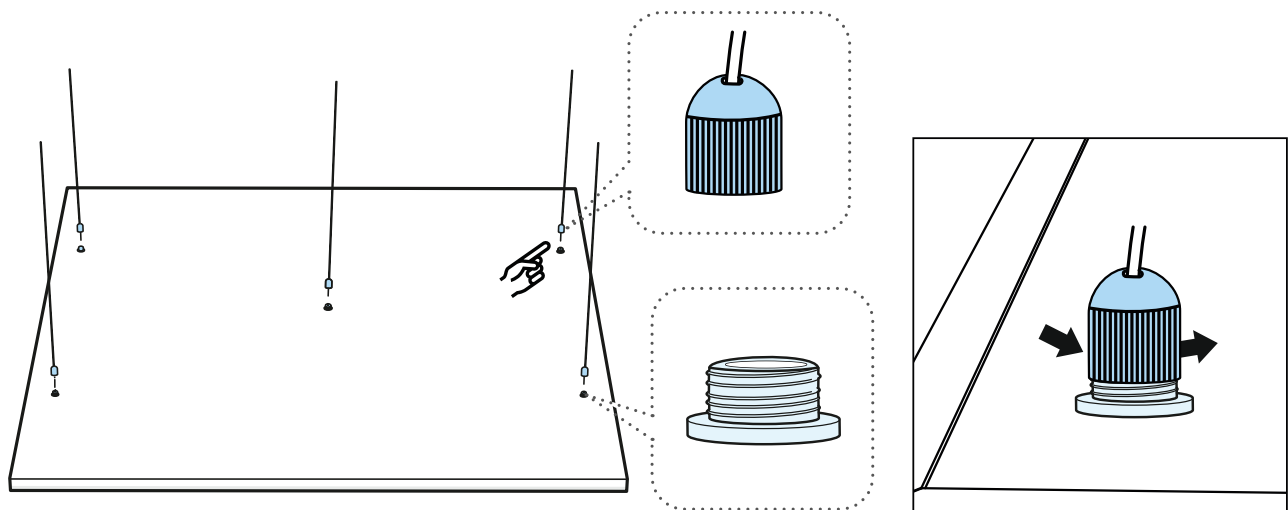
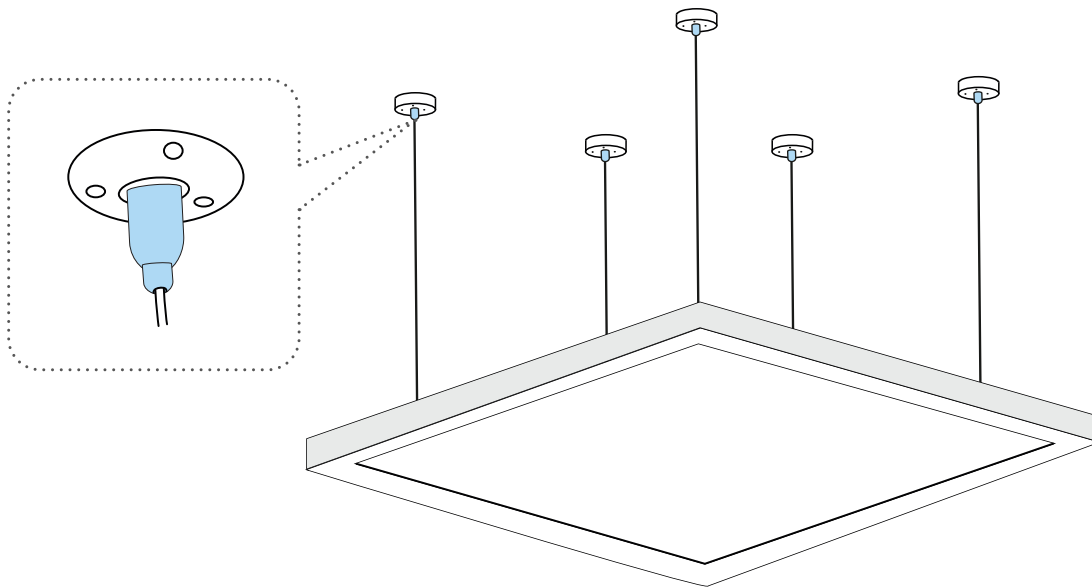


INSTALLATION

Ceiling Mount

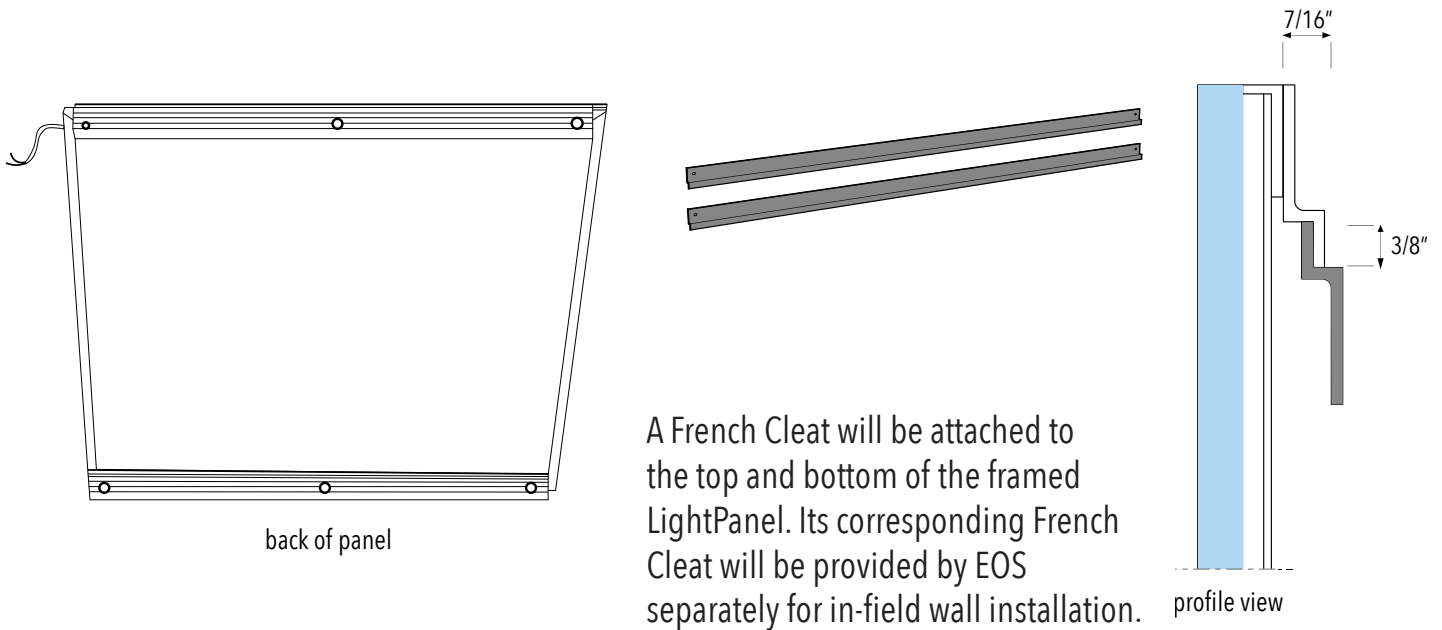
INSTALLATION FOR CEILING APPLICATIONS

Use of aircraft cables for suspended ceilings

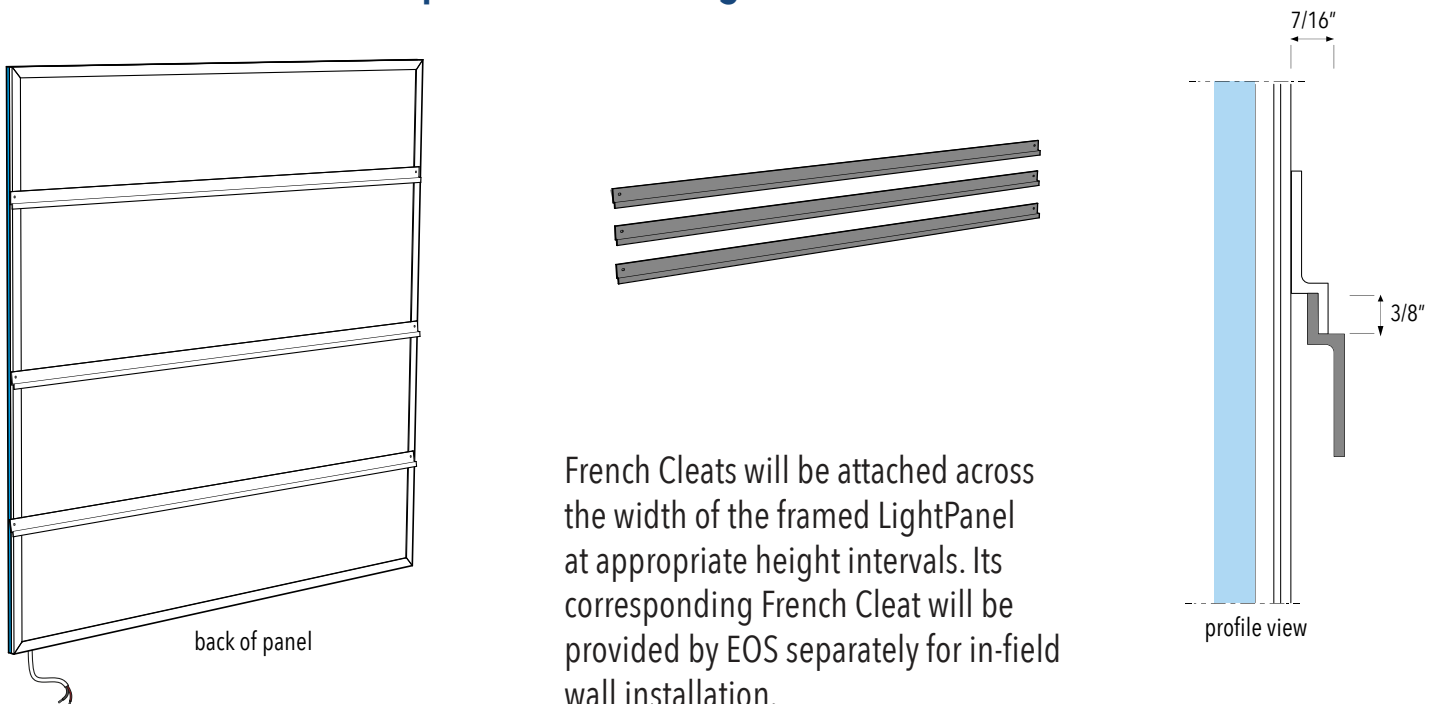


Screw the threaded endcaps on the aircraft cables to the panel by attaching them to the pre-installed, threaded stubs on the back of the panel.

French Cleats for horizontal / landscape framed LightPanels*

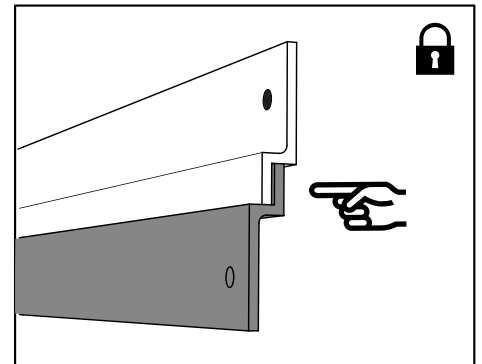
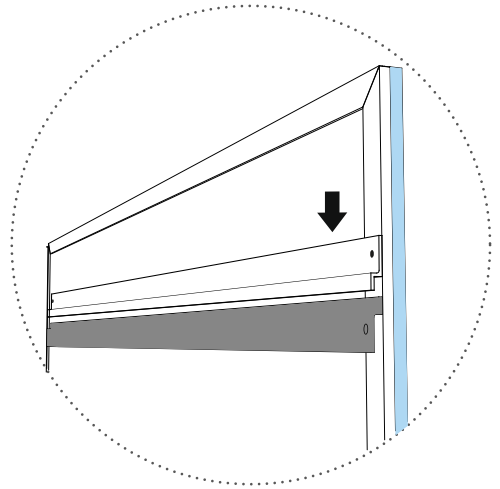
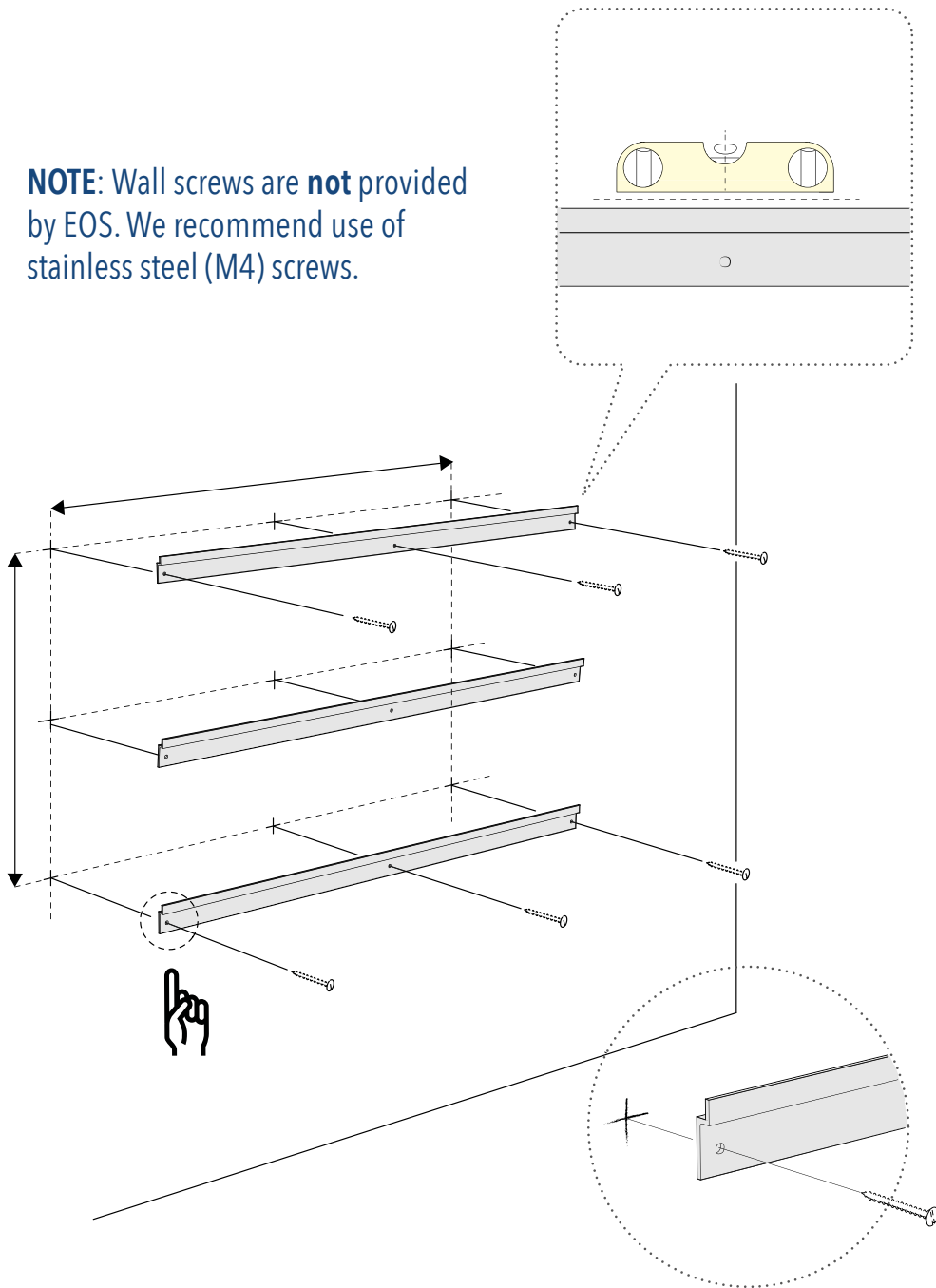


French Cleats for vertical / portrait framed LightPanels*



*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.



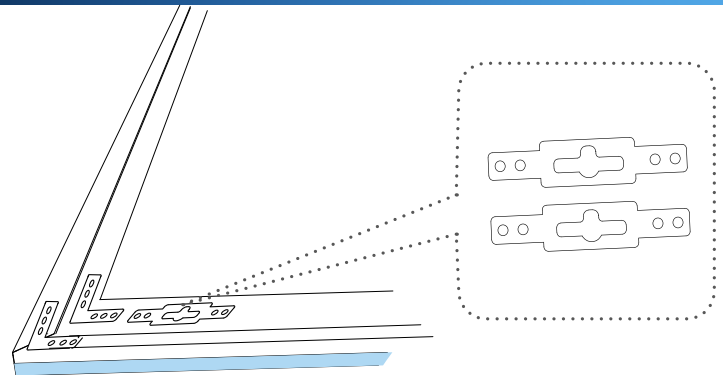
Fix the French Cleats to the wall with screws or other suitable fixing systems paying attention to:

- 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.

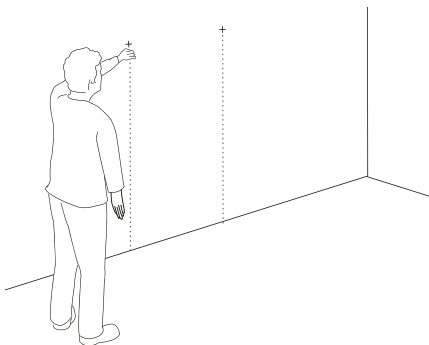


OPTIONAL MOUNTING METHOD FOR WALL APPLICATIONS: Keyhole Hooks

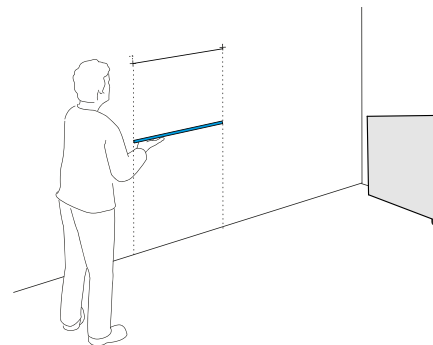
1. Measure precise span of keyhole hooks on your LightPanel from hole to hole.



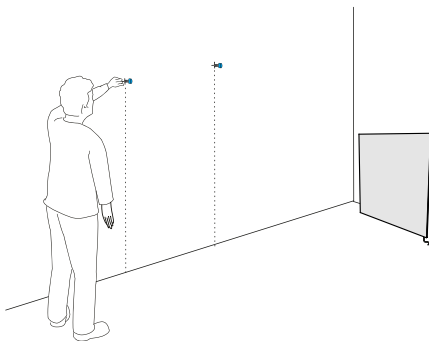
2. Using that width, measure your desired hanging height from the floor in both keyhole locations.



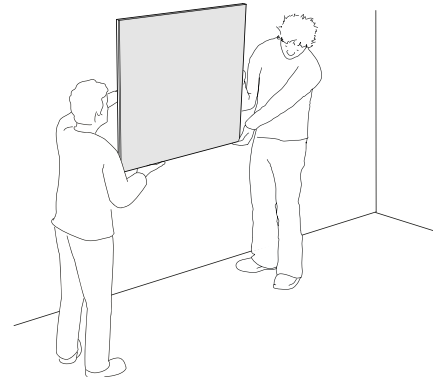
3. Use a string or ruler to connect the two holes locations on wall, then use a level to be sure they are exactly accurate, or adjust as needed.



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

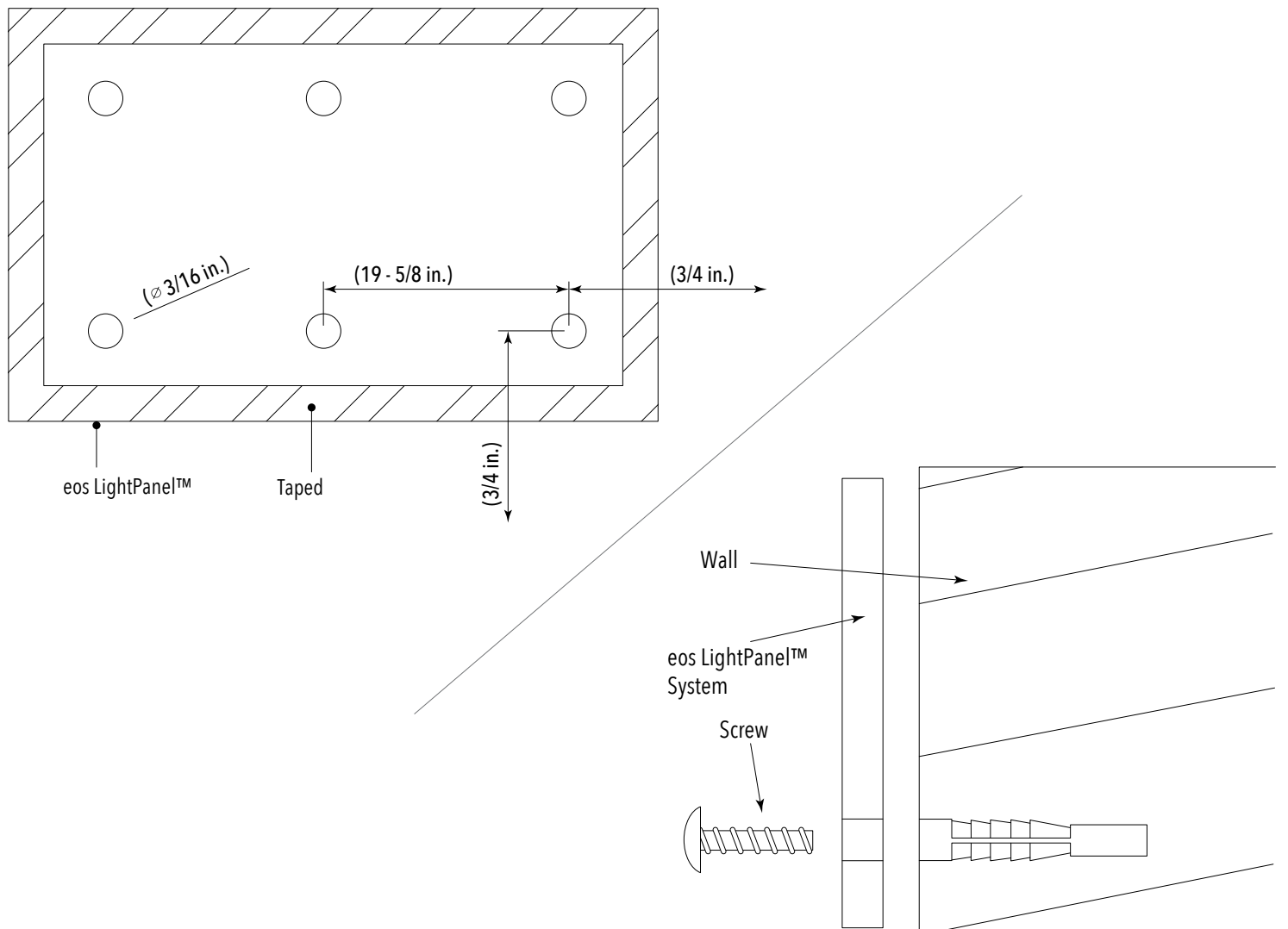


5. Carefully lift your panel (with two or more people, if necessary) to insert the fasteners into the keyhole hooks' holes.





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.**

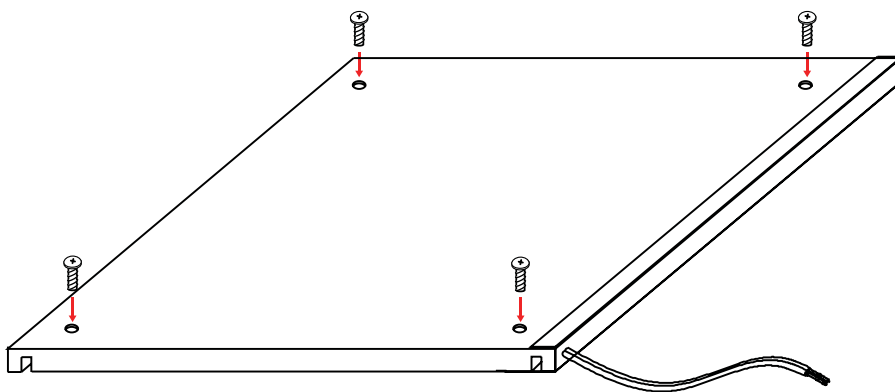


INSTALLATION INSTRUCTIONS

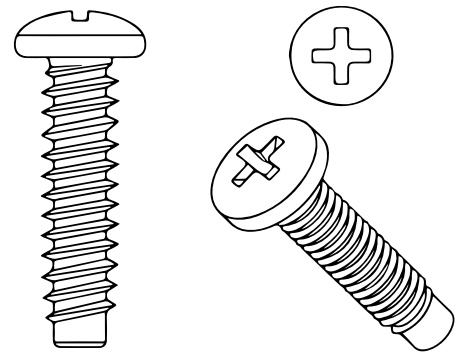
ADDITIONAL MOUNTING OPTIONS

PANEL WITH PREDRILLED HOLES

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

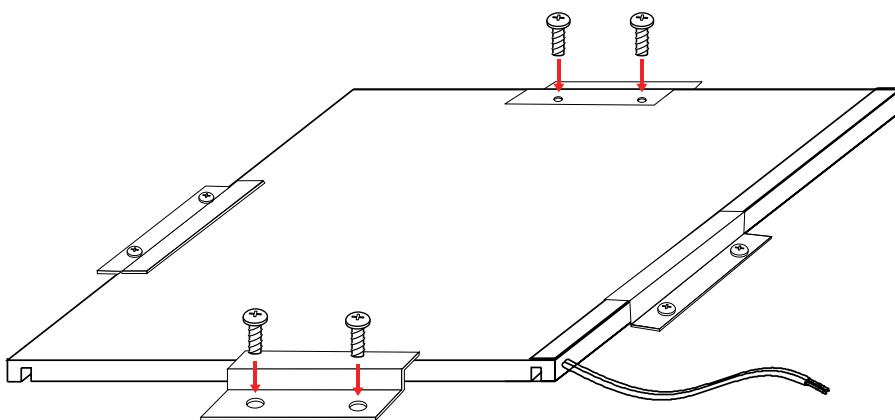


Secure panel with screws



RECOMMENDED SCREWS:
Stainless Steel (M4) Screws

PANEL WITH FRENCH CLEATS / 'Z CLIPS'



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

