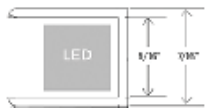




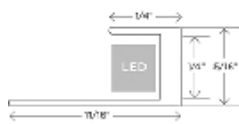
# FRAMED LightPanel SYSTEM

The **FRAMED** LightPanel System was designed for unfinished applications where the LightPanel would be part of a larger assembly, or the LightPanel is the finished feature and needs to be visible with a finished profile.

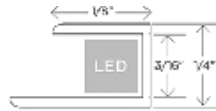
The **FRAMED** LightPanel offers finished aluminum profiles starting at 1/4" thin. This unique design provides an ultra-slim sheet of light with a finished aluminum edge in square or rectangle configurations.



**C SHAPED CHANNEL**  
**FRAME 7/16"**



**J SHAPED CHANNEL**  
**FRAME 5/16"**



**J SHAPED CHANNEL**  
**FRAME 1/4"**



The **FRAMED** LightPanel allows designers to back light custom shapes in a number of applications:



**Branding**



**Logos and Signage**



**Backlit Artwork**



**Retail**



**Healthcare**



**Residential**



**Commercial Interior**



**Custom Fixtures**



**Artistic Lit Walls**



**Art Installation**



**Wayfinding**

# 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" (consult with eos specialist for recommendations with oversize panels)

## MINIMUM SIZE :

1" X 2" (Ideal for Cove and Accent Lighting)

## THICKNESS:

7/16" for C-Shaped Channel Frame, 5/16" or 1/4" for J-Shaped Channel Frame

\*Thickness is determined by panel shape, size and color temperature.

## LONG LIFE :

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

## POWER OPTIONS:

24VDC Standard and 24VDC High Power, 12VDC Available upon request

## DRIVER INPUT VOLTAGE :

100V TO 480V

## WATTAGE :

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

5 W/ Ft. - 24V - High Power

\*ask eos specialist for information on RGB, RGBW and Color Tuning options.

## DIMMABLE :

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

## LEDs :

ANSI Binned LEDs from Tier 1 Suppliers

LED CRI > 80, 95+ Premium option

LED CRT - 1800K - 7500K

## WIRE GAUGE:

20GA Wiring for White and Color Tuning Panels, 24GA for Color

## 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 30 feet from the application.

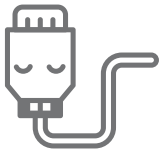
## SERVICE AND INSTALLATION :

The LightPanel System can be predrilled by our production team with customer's specifications.

## IP RATING:

Indoor Rated

# Optional Specifications



## USB COMPATIBLE :

\* Max. Size 40" X 40" (wattage permitting)



## COMPATIBLE POWER SUPPLIES :

- 0-10V dimming • DMX/DALI
- Electronic low voltage (ELV)
- Remote control plug-in
- Inline plug-in



## COLOR TEMPERATURES :

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

\*formerly 5300K

**Bolded** colors are commonly available in stock.



## MULTIPLE PANEL MOUNTING OPTIONS:

- Z-Profiles • Stand Offs
- Aircraft Cable Mounts • Pre-Drilled holes by factory
- Panels are drillable on site\* (use only eos suggested method in brochure)



## APPROVALS AND CERTIFICATIONS:

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

<https://eoslight.com/user-guide/>



DOWNLOAD OUR  
USER GUIDE FOR WIRING &  
INSTALLATION INSTRUCTIONS





# Product Specification Ordering Form

NAME:	PROJECT NAME:	ADDRESS:
PHONE:	PROJECT LOCATION:	CITY:
EMAIL:	ANTICIPATED DELIVERY DATE:	ZIP CODE:
COMPANY NAME:	PROJECT SPECIFIER:	RUSH PROJECT: <input type="checkbox"/> Yes <input type="checkbox"/> No

QTY	PANEL TYPE	VOLTAGE	DIMENSIONS (INCHES) TOP SIDE		LED SIDES	COLOR TEMP	LED POWER	DIFFUSER	CORD LENGTH	CORD LOCATION	CORD COLOR	POWER SUPPLY	IF CURVED PANEL SPECIFY RADIUS (INCHES)
5	LP	24V	48	50	4SL	2700	SP	DIF	CC6	TL	BC	010V	20

## A PANEL TYPE

### LF - FRAMED

Lightpanel With C Channel 7/16"  
Lightpanel With J1 Channel 1/4"  
Lightpanel With J2 Channel 5/16"

### CF - CRYSTAL FRAMED

Lightpanel With C Channel 7/16"

## B VOLTAGE

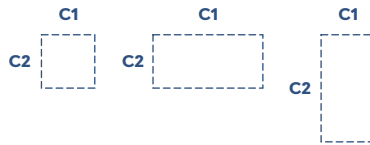
24V - 24V (Standard)  
12V - 12V (Optional)

## C DIMENSIONS

(Generated by Client)

C1- Top Dimension  
C2- Side Dimension

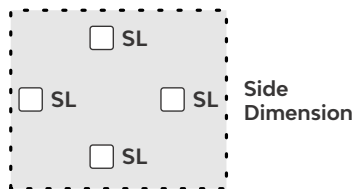
- \*For custom shapes, please provide:
- Longest Outside Dimensions
  - Drawing



## D LED SIDES

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

Top Dimension



\*Please note, the longest length is typically the LED side when selecting 1SL or 2SL

## E COLOR TEMP

- |              |   |
|--------------|---|
| 1800 - 1800K | 6500 - 6500K  |
| 2400 - 2400K | 7500 - 7500K  |
| 2700 - 2700K | UV - Ultraviolet                                    |
| 3000 - 3000K | RGB - Color Changing                                |
| 3500 - 3500K | RGBW - Color Changing + White (6000K, 4000K, 2700K) |
| 4000 - 4000K |   |
| 5000 - 5000K | CT- Color Tuning (2400K to 6000K)                   |
| 6000 - 6000K |   |

## F LED POWER

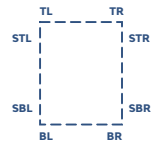
- SP- Standard Power    PSP- Premium Standard Power (95+ CRI)  
HP- High Power        PHP- Premium High Power (95+ CRI)

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

## J POWER CORD COLOR

- BC - Black    WC - White

## K 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

