

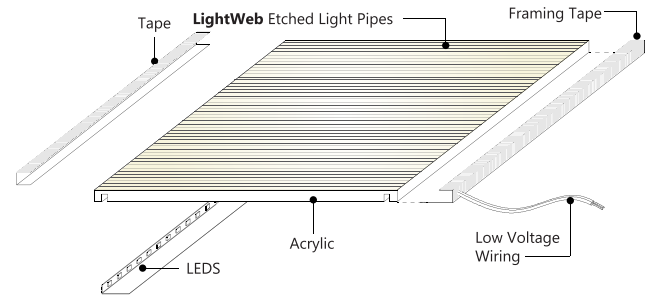
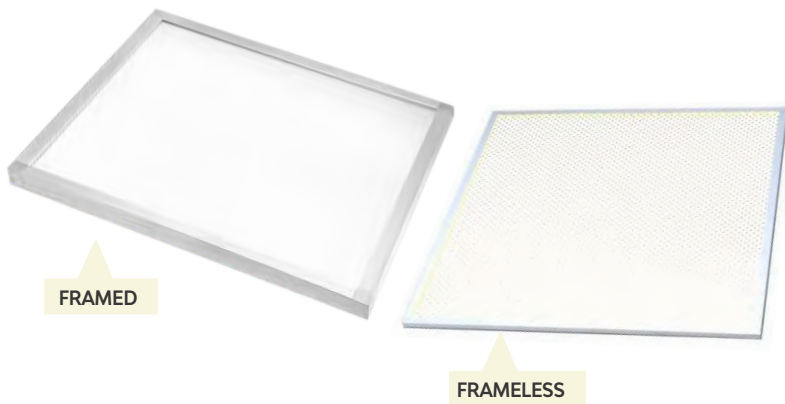


# CRYSTAL LightPanel SYSTEM

The **CRYSTAL** LightPanel System is a clear, dual-sided, ultra-slim sheet of light designed to give even light output on both sides of the panel. When the panel is not illuminated, it is clear and translucent.

The **CRYSTAL** LightPanel System can be delivered framed or Frameless, in Color, ColorTuning, or Custom. It was developed to be used in illuminated shelving, blade type signage and partition walls.

The **CRYSTAL** LightPanel System can also be used to replicate a faux daylight underneath a working UV treated skylight in the evening.



The unique design of The **CRYSTAL** LightPanel allows use in a large number of applications:



Hospitality



Retail



Residential



Bars



Restaurants



Cove Lighting



Spas



Commercial Interior



Millwork



Accent Lighting



Ambient Lighting



Custom Fixtures



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:

1/4"-1/2"

\*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.

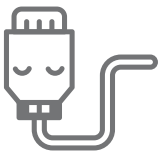
## SERVICE AND INSTALLATION :

The LightPanel 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.

## IP RATNG:

Indoor Rated

# Optional Specifications



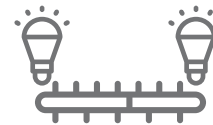
## USB COMPATIBLE :

\* 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



## 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

### LP - BASIC

Lightpanel (use For Curved Panel As Well)

### LF - FRAMED

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

### CP - CRYSTAL

Lightpanel

### CF - CRYSTAL FRAMED

Lightpanel With C Channel 7/16"

### WP - OUTDOOR

Lightpanel - Damp Location

### AM - ARCHITECTURAL MILLWORK

Lightpanel

## B VOLTAGE

24V - 24V (Standard)

12V - 12V (Optional)

## C DIMENSIONS

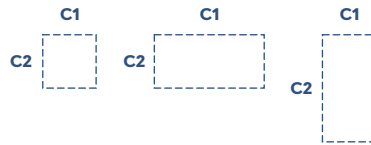
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C1- Top Dimension

C2- Side Dimension

\*For custom shapes, please provide:

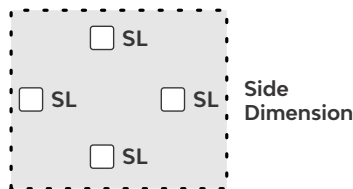
- Longest Outside Dimensions
- Drawing



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

## F LED POWER

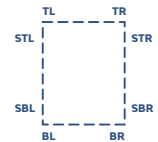
- SP- Standard Power
- PSP- Premium Standard Power (95+ CRI)
- HP- High Power
- PHP- Premium High Power (95+ CRI)

## 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
- 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
- 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

