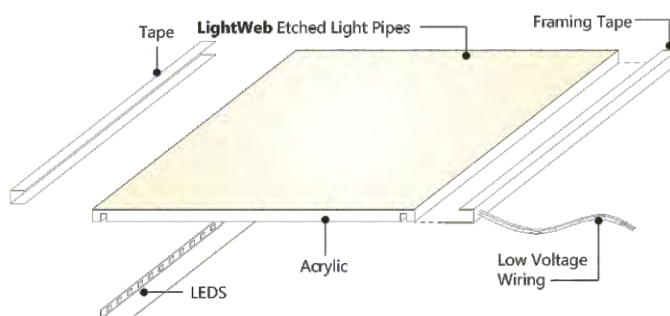
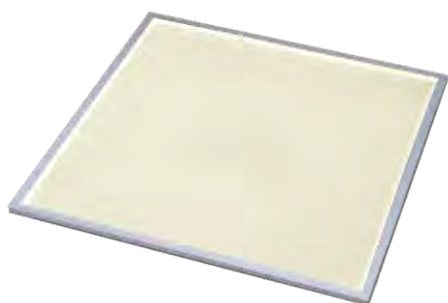




# BASIC LightPanel SYSTEM

The BASIC LightPanel is built for optimal design integration with a thin profile starting at 1/4" thin to provide an ultra-slim sheet of light. Low voltage LEDs are integrated with an optical grade etched acrylic to provide evenly distributed lighting. The BASIC Light Panel is a versatile light source available in customizable shapes and sizes to give every project even, uniform illumination.



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



Hospitality



Retail



Healthcare



Residential



Accent Lighting



Branding



Commercial Interior



Millwork



Cove Lighting



Task Lighting



Custom Fixtures



Logos and Signage



Commercial Exterior

# 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 standard, 95\* Premium option  
LED CRT - 1800K - 7500K

## WIRE GAUGE:

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

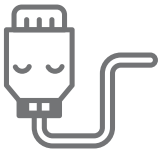
## HOSPITAL AND MRI SAFE :

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.

# Optional Specifications



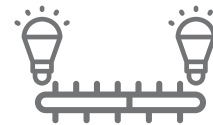
## USB COMPATIBLE :

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



## COMPATIBLE POWER SUPPLIES :

- 0-10V dimming • DMX/DALI
- Magnetic low voltage (MLV)
- 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 • Key-Hole Frames • Mirror Clips
- 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: ☐ Yes ☐ No

	A	B	C1	C2	D	E	F	G	H	I	J	K	L
	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
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

### AU - AURA

Lightpanel

## B VOLTAGE

24V - 24V (Standard)

12V - 12V (Optional)

## C DIMENSIONS

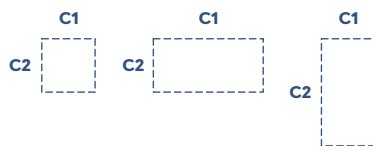
(Generated by Client)

C1 - Top Dimension

C2 - Side Dimension

\*For custom shapes, please provide:

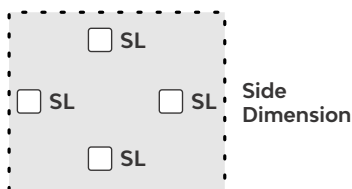
- Longest Outside Dimensions
- Drawing



## 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
- 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

HP - High Power

PSP - Premium Standard Power (95+ CRI)

PHP - Premium High Power (95+ CRI)

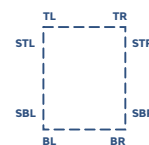
## G OPTIONAL 2MM DIFFUSION OPAL

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

MLV - Magnetic Low Voltage Dimmable Hardwire

ELV - Electronic Low Voltage Dimmable Hardwire

DMX - DMX / DALI

PI - Plug In, DC Jack

DPI - Dimmable Plug in w/ remote

