

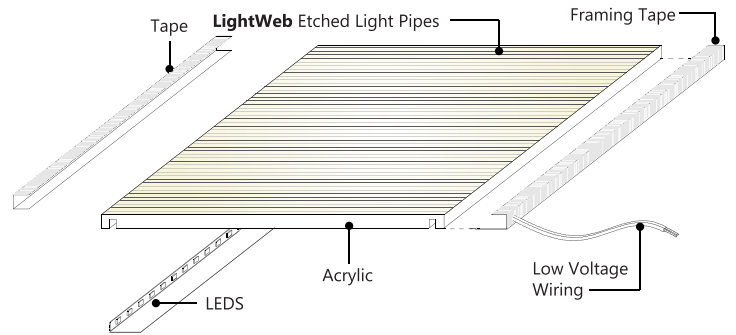
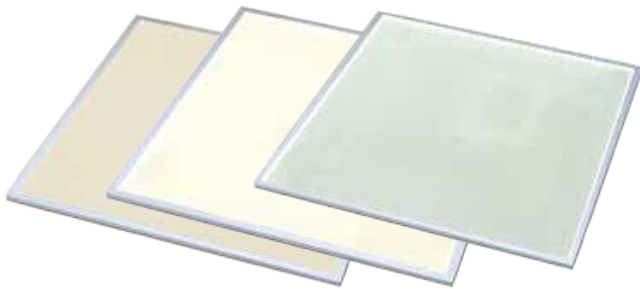


# COLOR TUNING LightPanel SYSTEM

The **COLOR TUNING** LightPanel design was developed to have a dynamic color range of white light allowing circadian rhythm adjustment that can be programmed to span from day to evening, from warm white to clean white.

The unique design of the **COLOR TUNING** LightPanel allows designers the opportunity to adjust the white color temperature for ambiance and intended color rendering in any environment.

The Standard Color Tuning Range is 2400K-6000K, however we can customize that range with any 2 colors in our spectrum.



The unique design of the **COLOR TUNING** LightPanel allows use in a large number of applications:



Hospitality



Retail



Residential



Bars



Restaurants



Cove Lighting



Spas



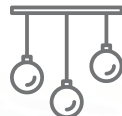
Commercial Interior



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)  
8.6 W/Ft. 24V High Power Double Strand (HPDS)  
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  
LED CRT - 1800K - 7500K

## WIRE GAUGE:

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

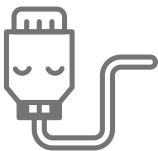
## HOSPITAL AND MRI SAFE :

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



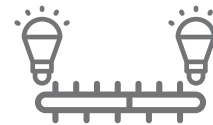
## USB COMPATIBLE :

\* 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: <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

### AU - AURA

Lightpanel

## B VOLTAGE

24V - 24V (Standard)

12V - 12V (Optional)

## C DIMENSIONS

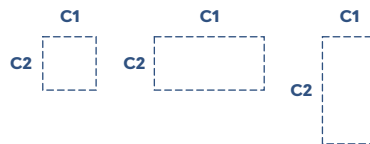
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C1 - Top Dimension

C2 - Side Dimension

\*For custom shapes, please provide:

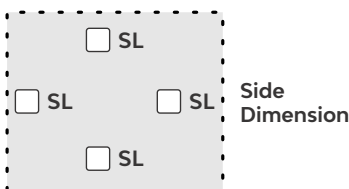
- Longest Outside Dimensions
- Drawing



## 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

HP - High Power

## 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

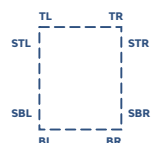
STR - Side Top Right Corner

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



PROJECT NAME:

PROJECT LOCATION:

# Please fill out the form

ITEM	QTY	A	B	C1	C2	D	E	F	G	H	I	J	K	L
		PANEL TYPE	VOLTAGE	DIMENSIONS		LED SIDES	COLOR TEMP	LED POWER	DIFFUSER	CORD LENGTH	CORD LOCATION	CORD COLOR	POWER SUPPLY	IF CURVED PANEL SPECIFY RADIUS(INCHES)
				TOP	SIDE									
1	5	LP	24V	48	50	4SL	2700	SP	DIF	CC6	TL	BC	010V	20

**1. What is the Application the panels will be used for?**  
 E.g.: Hospitality, Retail, Signage Etc.

**2. What are the LightPanels backlighting?**  
 E.g.: Stone, Graphic, Glass, Acrylic Etc.

**3. Will the LightPanels be installed adjacent to one another?**  
 Yes  No  
 If Yes, Please Provide Drawing of Panel Layout

**4. Will the LightPanels be powered individually (1:1) or would you like to connect Multiple LightPanels to a single driver?**

**5. Are there any installation details to review?**

**5. Is there an existing Dimming or Lighting Control System?**  
 If so, please provide Representative with information of the Control system (specs, manufacturer, etc.)

**Additional information:**