

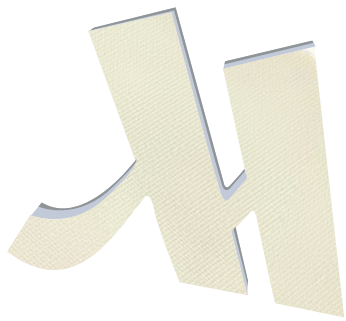


# CUSTOM SHAPE LightPanel SYSTEM

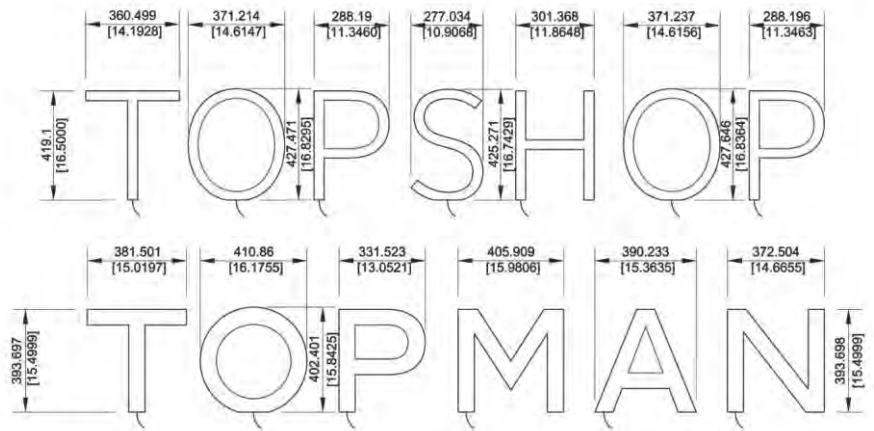


The **CUSTOM SHAPE** LightPanel can accommodate any 2D shape including ovals, diamonds, triangles, channel letters, and logos.

Available in all color temperatures, colors, and combinations including our Color LightPanel System our ColorTuning LightPanel System, and Crystal LightPanel configuration (Dual Side Illumination).



*\*AutoCAD for custom shapes drawings are provided by designers.  
If AutoCAD drawings are not available, our team can help with customization.*



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

- Branding**
- Logos and Signage**
- Custom Fixtures**
- Custom Art Display**
- Hospitality**
- Retail**
- Healthcare**
- Bars**
- Restaurants**
- Spas**
- Commercial Interior**
- 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.

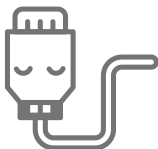
## SERVICE AND INSTALLATION :

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 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:**  Yes  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

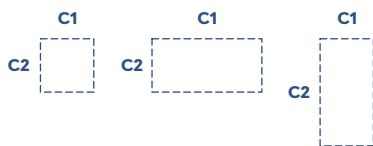
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C1- Top Dimension

C2- Side Dimension

\*For custom shapes, please provide:

- Longest Outside Dimensions
- Drawing



## D LED SIDES

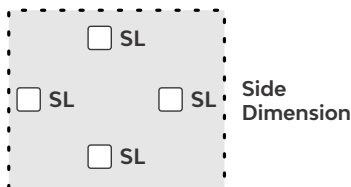
1SL - One Side

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)

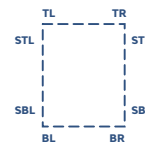
## G OPTIONAL 2MM DIFFUSION OPAL

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

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



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:**