

# **CUSTOM SHAPE LightPanel** SYSTEM

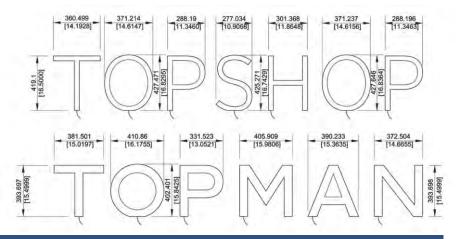
The CUSTOM SHAPE LightPanel can accommodate any 2D shape including ovals, diamonds, triangles, channel letters, and logos.

Available in all color temperatures, colors, and combinations including our Color LightPanel System our Color Tuning 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 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.







Sus CE ROHS

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	<b>C</b> 1 ↓	<b>C2</b>	D	E	F	G	H	•	<b>J</b>	K	<b>L</b>
	QTY	PANEL TYPE	VOLTAGE	(INC	ISIONS HES) 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	вс	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

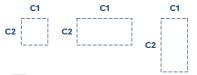
(Generated by Client)

C1- Top Dimension

C2- Side Dimension

\*For custom shapes, please provide:

- **Longest Outside Dimensions**
- Drawing



# **D** LED SIDES

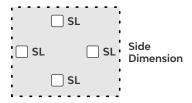
1SL - One Side

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

# COLOR TEMP

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

# F LED POWER

SP- Standard Power PSP- Premium Standard Power (95<sup>+</sup> CRI) PHP- Premium High Power (95+ CRI)

# G OPTIONAL 2MM DIFFUSION OPAL

NO - ND

# H POWER CORD LENGTH

SC - Standard -9.8 ft. CC\_ - Custom Length \_

# POWER CORD EXIT

TL - Top Left Corner **BL** - Bottom Left Corne TR- Top Right Corner **BR** - Bottom Right Corner **STL** - Side Top Left Corner SBL - Side Bottom Left Corner SBR - Side Bottom Right Corner **STR** - Side Top Right Corner

# J POWER CORD COLOR

BC - Black WC - White

# K POWER SUPPLY INFO

010V - 010V Dimmable Hardwire

- Electronic Low Voltage Dimmable Hardwire

DMX - DMX /DALI - Plug In, DC Jack

- Dimmable Plug in w/ remote



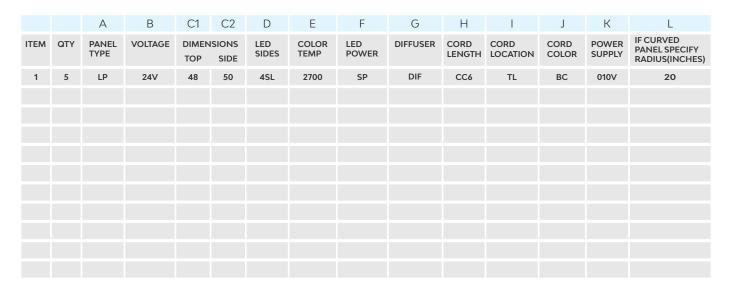






PROJECT LOCATION:

# Please fill out the form



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:

