



CURVED LightPanel SYSTEM

The **CURVED** LightPanel is designed to integrate organic shaped structures with a thin LED Panel profile starting at 1/4" to provide an ultra-slim sheet of curved light. Low power LEDs are integrated with an optical grade, thermoformed etched acrylic to provide evenly distributed lighting.

The **CURVED** LightPanel is a versatile light source that generates a soft glow with virtually no heat while adapting to curved designs.



The unique design of The CURVED 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 RADIUS :

4" (consult with eos specialist for recommendations)

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

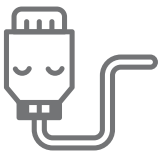
HOSPITAL AND MRI SAFE :

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.

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

	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

B VOLTAGE

24V - 24V (Standard)

12V - 12V (Optional)

C DIMENSIONS

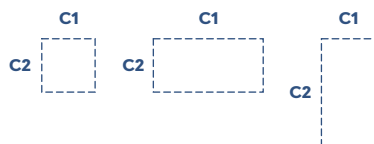
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C1 - Top Dimension

C2 - Side Dimension

*For custom shapes, please provide:

- Longest Outside Dimensions
- Drawing



D LED SIDES

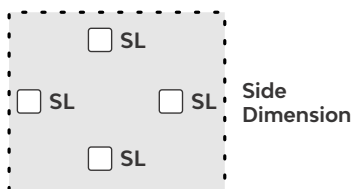
1SL - One Side

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)

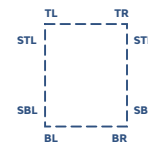
G OPTIONAL 2MM DIFFUSION OPAL

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

