

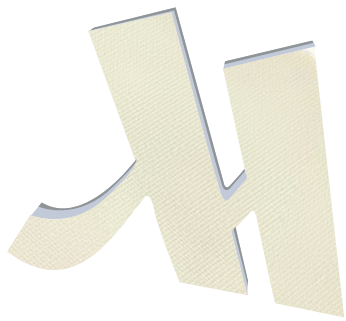


# CUSTOM SHAPE LightPanel SYSTEM

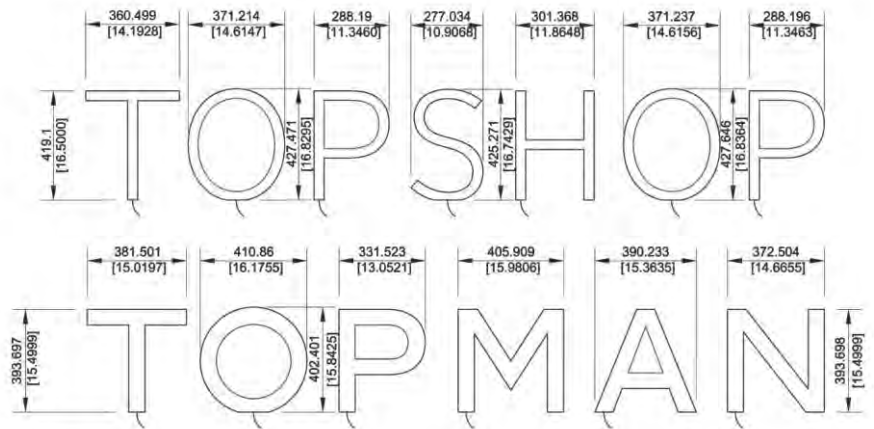


The **CUSTOM SHAPE** LightPanel can accommodate any 2D shape including ovals, diamonds, triangles, channel letters, and logos.

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.

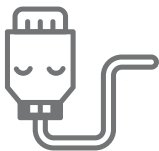
## SERVICE AND INSTALLATION :

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



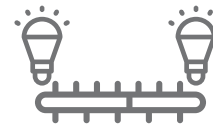
## USB COMPATIBLE :

\* 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



## 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





