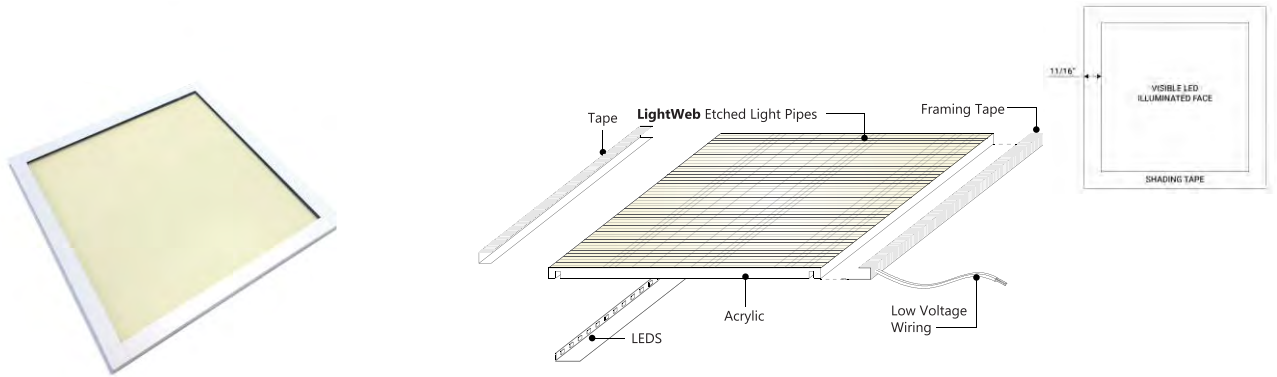




OUTDOOR LightPanel SYSTEM

The **OUTDOOR** LightPanel design was developed for exterior applications and is uniquely designed to resist rough weather conditions such as rain or snow with an IP65 rating.

The **OUTDOOR** LightPanel can be used in a variety of environments (outdoors and indoors) with varied conditions that include dry and damp locations. (Cannot sit in standing water or be submerged.)



The **OUTDOOR** LightPanel allows designers to back light custom shapes in a 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 60" (consult with eos specialist for recommendations with oversize panels)

MINIMUM SIZE :

4" X 4"

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

IP RATING:

All Outdoor LightPanels are IP65 Rated when driven with a Class 2 Power Supply. Pre-drilled holes on outdoor LightPanels will reduce IP rating.

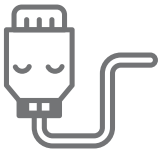
HOSPITAL AND MRI SAFE :

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 System can be predrilled by our production team with customer's specifications.

Optional Specifications



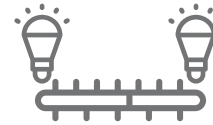
USB COMPATIBLE :

* 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



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: <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 - Outdoor (Cannot sit in standing water or be submerged)

AM - ARCHITECTURAL MILLWORK

LightPanel

B VOLTAGE

24V - 24V (Standard)
12V - 12V (Optional)

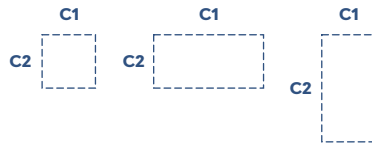
C DIMENSIONS

(Generated by Client)

C1- Top Dimension
C2- Side Dimension

*For custom shapes, please provide:

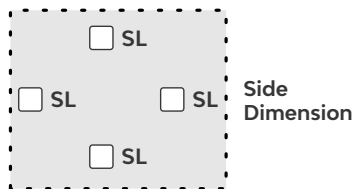
- Longest Outside Dimensions
- Drawing



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

E COLOR TEMP

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

F LED POWER

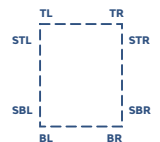
SP- Standard Power PSP- Premium Standard Power (95+ CRI)
HP- High Power PHP- Premium High Power (95+ CRI)

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

