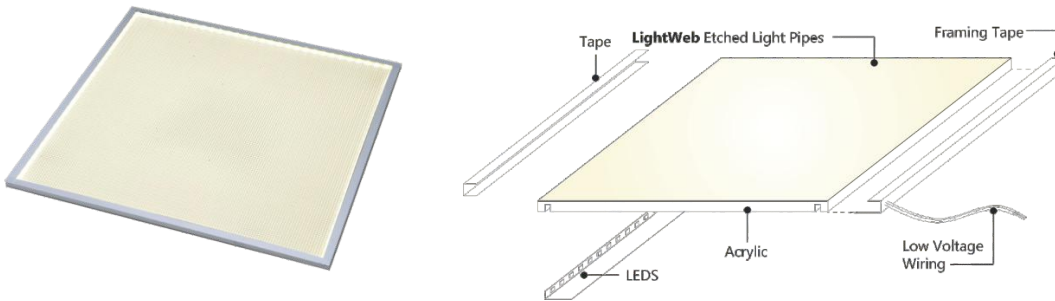




BASIC LightPanel SYSTEM

The BASIC LightPanel is built for optimal design integration with a thin profile starting at 1/4" thin to provide an ultra-slim sheet of light. Low voltage LEDs are integrated with an optical grade etched acrylic to provide evenly distributed lighting. The BASIC Light Panel is a versatile light source available in customizable shapes and sizes to give every project even, uniform illumination.



The unique design of The BASIC 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 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)
8.6 W/Ft. 24V High Power Double Strand (HPDS)
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
LED CRT - 1800K - 7500K

WIRE GAUGE:

20GA Wiring for White and Color Tuning Panels, 24GA for Color

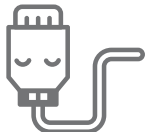
HOSPITAL AND MRI SAFE :

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
- Magnetic low voltage (MLV)
- 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 • Key-Hole Frames • Mirror Clips
- 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:

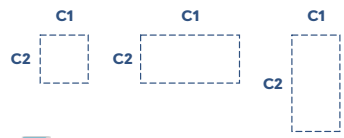
EMAIL: ANTICIPATED DELIVERY DATE: ZIP CODE:

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
- AU - AURA**
Lightpanel



D LED SIDES

- 1SL** - One Side
 - 2SL** - Two Sides
 - 3SL** - Three Sides
 - 4SL** - Four Sides
- Top Dimension
-
- Side 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

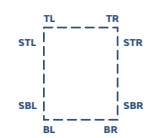
- SP** - Standard Power
- HP** - High Power

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
- BL** - Bottom Left Corner
- BR** - Bottom Right Corner
- STL** - Side Top Left Corner
- STR** - Side Top 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
- MLV** - Magnetic Low Voltage Dimmable Hardwire
- ELV** - Electronic Low Voltage Dimmable Hardwire
- DMX** - DMX /DALI
- PI** - Plug In, DC Jack
- DPI** - Dimmable Plug in w/ remote

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

