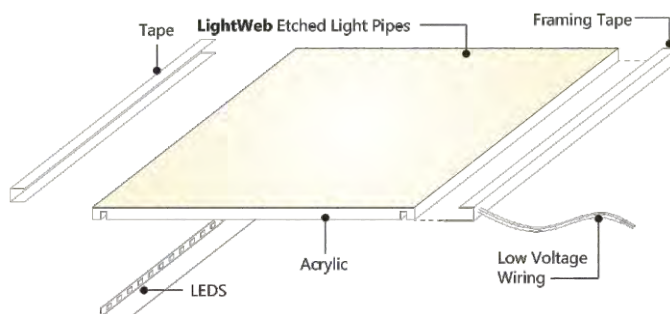
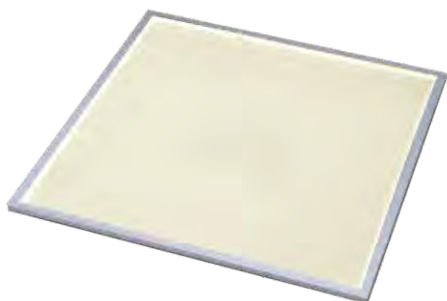
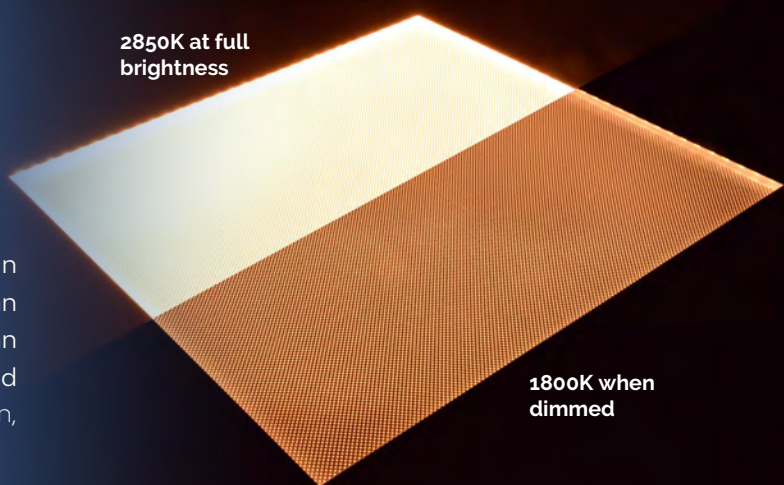




# DIM-TO-WARM BASIC LightPanels

BASIC Dim-to-Warm LightPanels are 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. At full brightness, the color temperature is 2850 Kelvin, while it gradually shifts to 1800K as it is dimmed. 90+ CRI.



The design of BASIC Dim-to-Warm LightPanels 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

# 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

## DIMMABLE :

The system is dimmable to <10% when matched with Dimmable Power Supplies

## LEDs :

ANSI Binned LEDs from Tier 1 Suppliers  
LED CRI > 90+  
LED CRT - 2850K - 1800K

## 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.

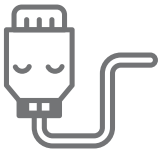
## SERVICE AND INSTALLATION :

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



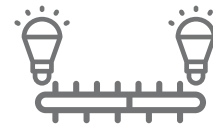
## USB COMPATIBLE :

\* Max. Size 40" X 40"  
(wattage permitting)



## COMPATIBLE POWER SUPPLIES :

- 0-10V dimming • DMX/DALI
- Magnetic low voltage (MLV)
- Electronic low voltage (ELV)
- Remote control plug-in • Inline plug-in



## COLOR TEMPERATURE :

- Dimmable between 2850K at full brightness down to 1800K when dimmed down



## 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:

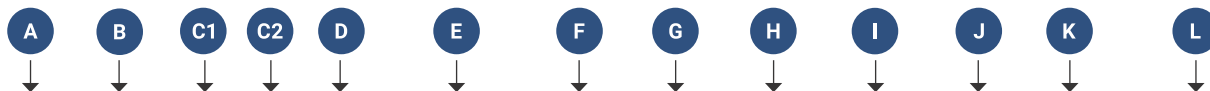
ANTICIPATED DELIVERY DATE:

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	2850-1800	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

## B VOLTAGE

**24V** - 24V (Standard)

**12V** - 12V (Optional)

## C DIMENSIONS

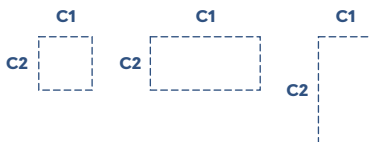
(Generated by Client)

**C1** - Top Dimension

**C2** - Side Dimension

\*For custom shapes, please provide:

- Longest Outside Dimensions
- Drawing



## D LED SIDES

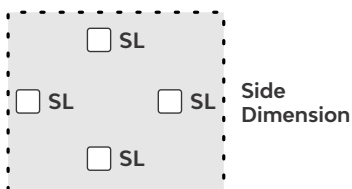
**1SL** - One Side

**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

**2850-1800** - Warm Dimming  
from 2850K to 1800K

## F LED POWER

**SP** - Standard Power

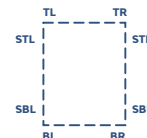
## G OPTIONAL 2MM DIFFUSION OPAL

**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

**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 Hardware

**MLV** - Magnetic Low Voltage  
Dimmable Hardware

**ELV** - Electronic Low Voltage Dimmable  
Hardware

**DMX** - DMX /DALI

**PI** - Plug In, DC Jack

**DPI** - Dimmable Plug in w/ remote

PROJECT NAME:

**PROJECT LOCATION:**

# Please fill out the form

[illegible]

### 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:**