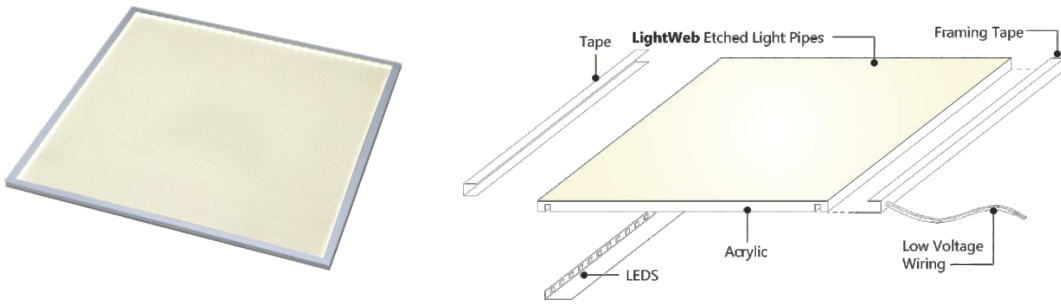


sixteen5hundred	Project 21-12877-3 Date 6/25/2021 RGB/W   Saturated Color Submitted By 16500, INC	Catalog Number CF 24V 120 80 4SL RGBW SP DIF CC6 TL WC DMX Notes	Type
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# BASIC LightPanel SYSTEM

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

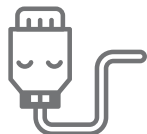
### HOSPITAL AND MRI SAFE :

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:

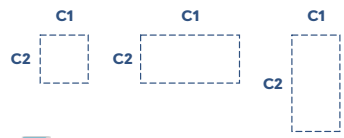
EMAIL: ANTICIPATED DELIVERY DATE: ZIP CODE:

COMPANY NAME: PROJECT SPECIFIER: RUSH PROJECT:  Yes  No

	<b>A</b>	<b>B</b>	<b>C1</b>	<b>C2</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>
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

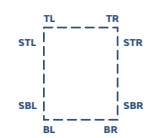
- SP** - Standard Power
- HP** - High Power

### 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
- 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
- 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

### C DIMENSIONS

(Generated by Client)  
**C1** - Top Dimension  
**C2** - Side Dimension

\*For custom shapes, please provide:  
• Longest Outside Dimensions  
• Drawing

