

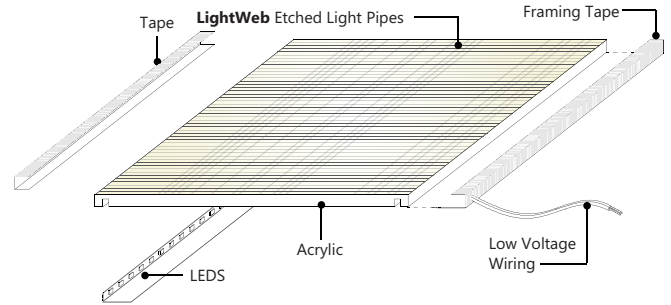
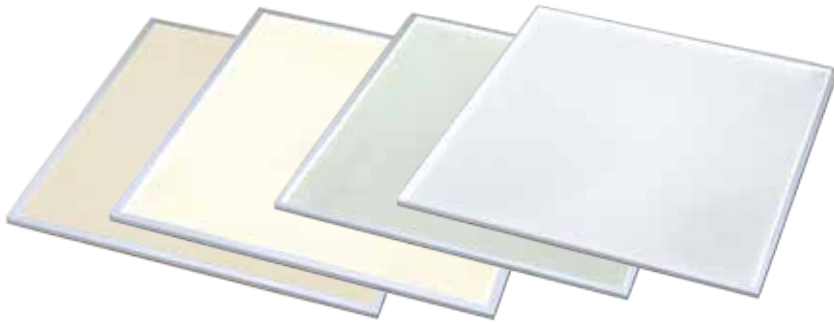
# COLOR TUNING LightPanel™ System

The **COLOR TUNING** LightPanel™ design was developed to have a color range of white lighting allowing light adjustment that spans from day to evening and warm white to clean white.

The unique design of The **COLOR TUNING** LightPanel™ allows designers the opportunity to adjust the white color temperature for ambiance and intended color rendering in any environment.

The **COLOR TUNING** LightPanel™ applications:

**Hospitality, Retail, Residential, Bars, Restaurants, Commercial Interior, Spas , Accent Lighting, Cove Lighting, Millwork, Ambient Lighting and Custom Fixtures.**



## General Specifications

### LIGHT WEB TECHNOLOGY™:

3D etched patterns to evenly distribute light throughout the panel. Patterns available are GRID, DOT and MICRODOT™

### MAXIMUM SIZE:

(A) 157" X 63" - 13'-1" X 5'-3"  
(B) 118" X 78" - 9'-10" X 6'-6"

### MINIMUM SIZE:

1" X 2" (Ideal for Cove and Accent Lighting)

### THICKNESS:

1/2"

\*Thickness is determined by Color Temperature. Color Tuning Panels are only available in 1/2" thickness

### LONG LIFE:

Over 50,000 hours = Nearly 12 years based on 12 hours a day. Once installed, the LightPanel™ System is virtually maintenance free.

### WATTAGE:

6.7 W/Ft. - 12V Standard Output  
(3.4W clean white plus 3.3W for warm white)

### POWER OUTPUT:

12VDC Standard Power

### INPUT VOLTAGE:

100V TO 480V

### DIMMABLE:

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

\*hardwired MLV, 0-10V, or remote control plug in.

### COMPATIBILITY:

USB Compatible.  
\* Max. Size 40" X 40"

### LEDs:

ANSI Binned LEDs from Tier 1 Suppliers

### DAMP LOCATION:

Damp Location Rated when driven with a Class 2 Power Supply

### TAPING:

Moisture Resistant Foil Backed Framing Tape on all sides.

\*See Optional Specifications for Seamless Applications

### BACKING MATERIAL:

Industrial Mil Pearlescent Heat-Bonded Reflective Backing Material.

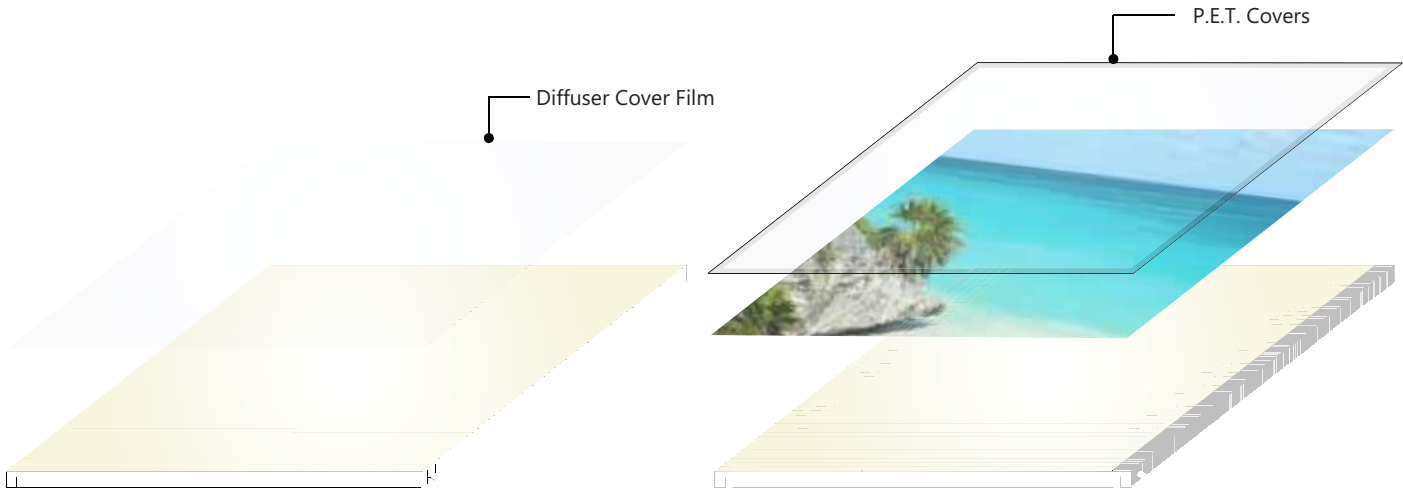
### HOSPITAL AND MRI SAFE:

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:

Field Serviceable, typically LEDs can be replaced in the field. The LightPanel™ System can be predrilled by our production team with customer's specifications.

\*See technical sheet in the back of brochure for disclaimers on how to drill a panel or how to request predrilled holes in a panel for easy installation.



## Optional Specifications

### ILLUMINATED FACES:

Single and Dual-Sided Illumination

### TAPING OPTIONS:

Reflective Tape and Tapeless Options for applications that require a seamless design

### MULTIPLE PANEL MOUNTING OPTIONS (NOT PROVIDED BY eos):

- a. Z Clips
- b. Stand Offs
- c. Pre-Drilled
- d. All are drillable on site
- e. Key-Hole Frames
- f. Mirror Clips
- g. Pendant Cable Mounts

### ALUMINUM FRAME PROFILE OPTIONS:

- C Shaped Channel Frame (7/16" Total Thickness)
- J Shaped Channel Frame (1/4" and 5/16" total thickness).

### ADDITIONAL FEATURES:

12V Standard Power

Can be delivered taped or with Aluminum Frame Profile.

### COMPATIBLE POWER SUPPLIES:

DMX-Compatible  
 DALI Accessible  
 Magnetic Low Voltage  
 Remote Control In-Line Dimmer  
 0-10V Dimmable  
 Electronic Static

### APPROVALS AND CERTIFICATIONS:

The LightPanel™ System is UL listed for Architectural applications and UL recognized for signage. All power supplies are UL / ETL listed.



# Product Specification Ordering Form

NAME:	PROJECT NAME:	ADDRESS:
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PHONE:	PROJECT LOCATION:	CITY:
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EMAIL:	ANTICIPATED DELIVERY DATE:	ZIP CODE:
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COMPANY NAME:	PROJECT ARCHITECT:	FREIGHT METHOD:
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	A	B	C1	C2	D	E	F	G	H	I	J	K	L	M
QTY	PANEL TYPE	LED POWER	DIMENSIONS (INCHES) TOP SIDE		COLOR TEMP	DIFFUSER	WATER-PROOF	LED SIDES	CORD COLOR	CORD LENGTH	UL RATING	CORD LOCATION	POWER SUPPLY	IF CURVED PANEL SPECIFY RADIUS (INCHES)
5	LP	SP-12V	48	50	2700	NO	YES	4SL	BC	ST	UL	TL	DHW	20

**EXAMPLE:**

A	-	B	-	C1	x	C2	-	D	-	E	-	F	-	G	-	H	-	I	-	J	-	K	-	L	-	M	SITE VOLTAGE:	
↓		↓		↓	x	↓		↓		↓		↓		↓		↓		↓		↓		↓		↓		↓		
LP	-	SP-12V	-	108	x	60	-	2700	-	NO	-	YES	-	4SL	-	BC	-	ST	-	UL	-	TL	-	DHW	-	20		

**KEY:**

**A. PANEL TYPE**

- LP - BASIC** LightPanel™
- LF - FRAMED**  
LightPanel™ with C Channel 7/16"  
LightPanel™ with J1 Channel 1/4"  
LightPanel™ with J2 Channel 5/16"
- LF - MEDIA FRAME**  
GRAPHIX LightPanel™ -3/4" x 3/4"  
SLIM IMAGEART LightPanel™ -1 - 3/8" x 15/16"  
IMAGEART LightPanel™ -1 - 3/8" x 1 - 1/4"  
WINDOW LightPanel™ with Square Profile  
ACRYLIC LightPanel™ with Clear Acrylic Frame  
MAGNETIC LightPanel™ with Magnetic Frame  
FABRIK LightPanel™ eos Fabric Light Box  
SKY LightPanel™ - Suspended Frame
- CP - CRYSTAL** LightPanel™
- CF - CRYSTAL** LightPanel™ with C Channel 7/16"

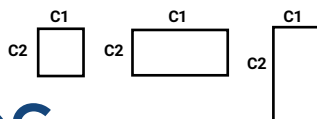
**B. LED POWER**

- SP-12V** - 12V Standard Power
- SP-24V** - 24V Standard Power
- HP-12V** - 12V High Power
- HP-24V** - 24V High Power

**C. DIMENSIONS (GENERATED BY CLIENT)**

- C1**- Top Dimension
- C2**- Side Dimension

\* For shapes indicated below, shapes that are not illustrated are considered custom and require CAD



**D. COLOR TEMP**

- 2400** - 2400K
- 2700** - 2700K
- 3000** - 3000K
- 3500** - 3500K
- 4000** - 4000K
- 4400** - 4400K
- 4800** - 4800K
- 5300** - 5300K
- 6500** - 6500K
- 7500** - 7500K
- UV** - Ultraviolet
- RGB** - Color Changing
- RGBW** - Color Changing + White
- CT**- Color Tuning

**E. OPTIONAL 2MM DIFFUSION COVER**

- Y**-Yes
- N**-No

**F. WATERPROOF**

- Y**-Yes
- N**-No

**G. LED SIDES**

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

**H. POWER CORD COLOR**

- BC** - Black
- WC** - White

**I. POWER CORD LENGTH**

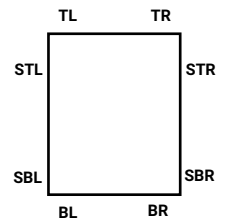
- ST** - Standard -9.8 ft.
- CT** - Custom Length \_\_\_\_ ft.

**J. UL RATING**

- UL** - Architectural Lighting
- UR** - Signage

**K. 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



**L. POWER SUPPLY INFO**

- PI** - Plug In, DC Jack
- DPI** - Dimmable Plug in w/ remote
- HW** - Hardwired, Bare
- DHW** - Dimmable Hardwired
- REM** - RGB Remote Control
- DMX** - DMX /DALI
- 0-10V** - 0-10V Dimmable Hardwire
- MAG** - Magnetic Dimmable Hardwire

**M. CURVED LightPanel™ Radius**

\*Indicate Radius in inches

