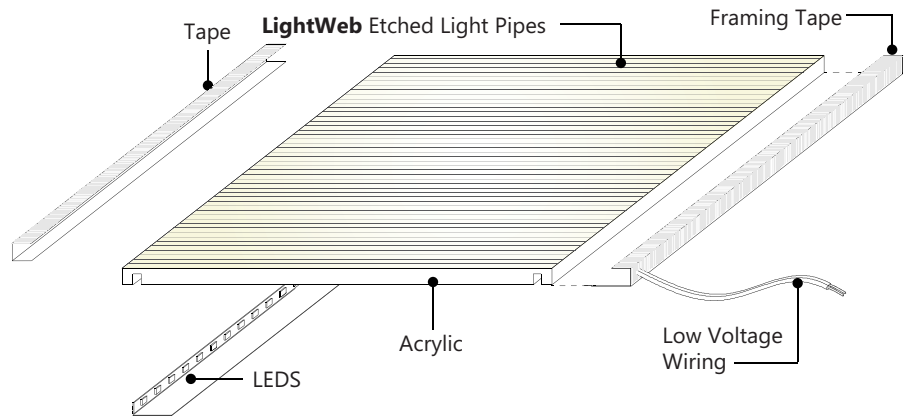
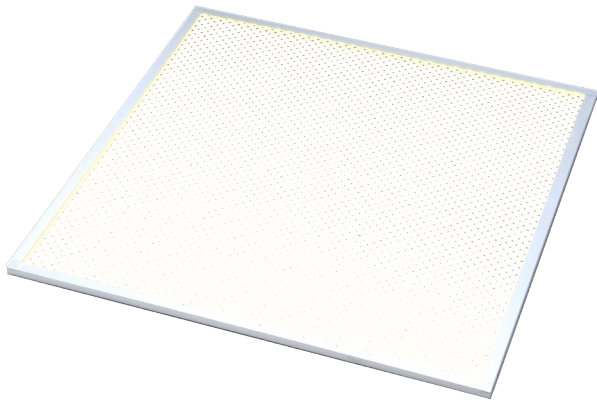


CRYSTAL LightPanel™ System

The **CRYSTAL** LightPanel™ System is a clear dual-sided ultra-slim sheet of light. To give even light output from both sides of the panel.

The **CRYSTAL** LightPanel™ System can be delivered framed or Frameless. It was developed to be used in two-way shelving, blade type signage and partition walls.



General Specifications

LIGHT WEB TECHNOLOGY™:

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

ACRYLIC:

Optical Grade
Cell Cast
Diamond Polished Edges

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:

1/4" to 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.

WATTAGE:

2.2 W/Ft. - 12V / 24V Standard Power
4.4 W/ Ft. - 12V - High Power
6 W/ Ft. - 24V - High Power

*ask eos specialist for information on 4400k, RGB, RGBW and Color Tuning options.

POWER OUTPUT:

12VDC or 24VDC Standard and High 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

LED CRI > 80

LED CRT - 2400K - 7500K

DAMP LOCATION:

Damp Location Rated when driven with a Class 2 Power Supply

TAPING:

Moisture Resistant Foil Backed Framing Tape on all sides in U shape.

*See Optional Specifications for Seamless Applications

BACKING MATERIAL:

No backing material.

ILLUMINATED FACES:

Dual-Sided Illumination

APPROVALS AND CERTIFICATIONS:

The LightPanel™ System is UL approved. All power supplies are UL / ETL listed.

SERVICE AND INSTALLATION:

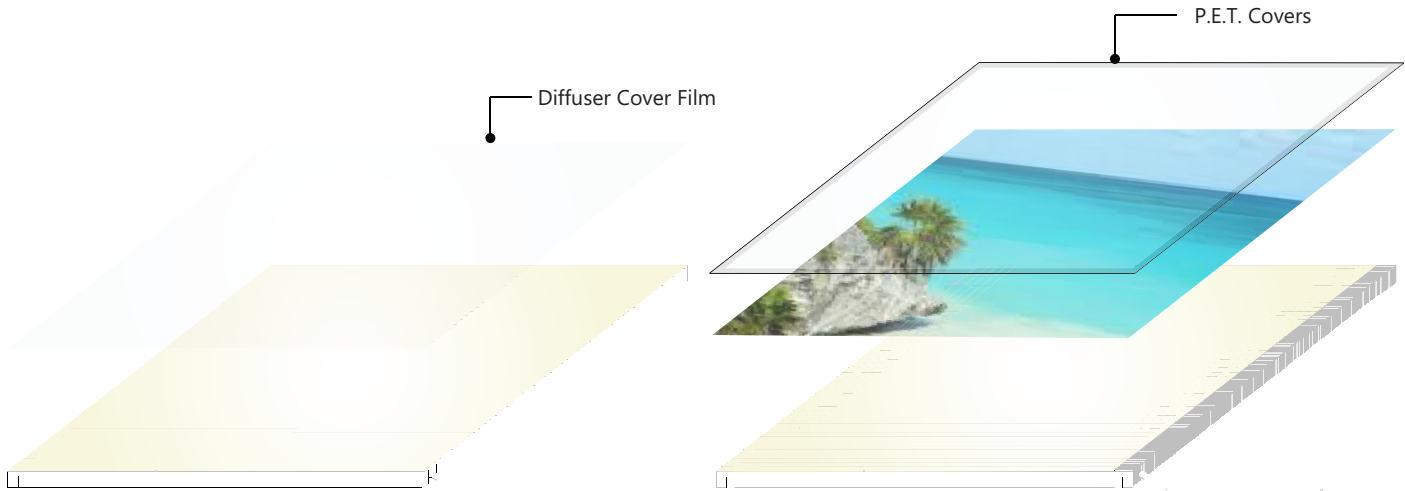
Field Serviceable, typically LEDs can be replaced in the field. The LightPanel™ System can be predrilled by our production team with customer's specifications.

*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.



LightPanel™ Systems

5855 Uplander Way, Suite A | Culver City, CA 90230 | P 310.616.5070 | F 310.616.5056 | info@lightwithart.com



Optional Specifications

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

COLOR TEMPERATURES:

2400K	4800K
2700K	5300K
3500K	6500K
4000K	7500K UV (Ultraviolet)
4400K	

ADDITIONAL FEATURES:

Standard 12V / 24V Standard Power or 12V / 24V High Power depending on the application.

COMPATIBLE POWER SUPPLIES:

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

APPROVALS AND CERTIFICATIONS:



Product Specification Ordering Form

NAME:	PROJECT NAME:	ADDRESS:
PHONE:	PROJECT LOCATION:	CITY:
EMAIL:	ANTICIPATED DELIVERY DATE:	ZIP CODE:
COMPANY NAME:	PROJECT ARCHITECT:	FREIGHT METHOD:

	A	B	C1	C2	D	E	F	G	H	I	J	K	L	M
QTY	PANEL TYPE	LED POWER	DIMENSIONS TOP SIDE		COLOR TEMP	PANEL THICKNESS	DIFFUSER	WATER-PROOF	LED SIDES	CORD COLOR	CORD LENGTH	UL RATING	CORD LOCATION	POWER SUPPLY
5	LP	SP-12V	48	50	2700	0.25	NO	YES	4SL	BC	ST	UL	TL	DHW

EXAMPLE:

A	B	C1	X	C2	E	F	G	H	I	J	K	L	M	SITE VOLTAGE:
↓	↓	↓		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	
LP	SP-12V	108	X	60	0.25	NO	YES	4SL	BC	ST	UL	TL	DHW	

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" Snap Frame
 IMAGEART LightPanel™ -1 -3/8" x 15/16" Snap Frame
 IMAGEART-2 LightPanel™ with SF3 Snap Frame
 WINDOW LightPanel™ with SF4 Snap Frame
 ACRYLIC LightPanel™ with Acrylic Overlay Frame
 MAGNETIC LightPanel™ with Magnetic Frame
 FABRIK LightPanel™ with Fabric Light Box
 SKY LightPanel™ with Suspended Frame

CP - CRYSTAL LightPanel™

CF - CRYSTAL LightPanel™ with C Channel 7/16"

B. LED POWER

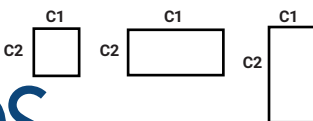
SP-12V - 12V Standard Power
SP-24V - 24V Standard Power
HP-12V - 12V High Power
HP-24V - 24V High Power

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
3500 - 3500K
4000 - 4000K
4400 - 4400K
4800 - 4800K
5300 - 5300K
6500 - 6500K
7500 UV - 7500K (Ultraviolet)
RGB - Color Changing
RGBW - Color Changing + White
CT- Color Tuning

E. PANEL THICKNESS

*Thickness is automatically determined by panel shape, size, color temperature, power output and application.

F. OPTIONAL 2MM DIFFUSION COVER

Y-Yes
N-No

G. WATERPROOF

Y-Yes
N-No

H. LED SIDES

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

I. POWER CORD COLOR

BC - Black
WC - White

J. POWER CORD LENGTH

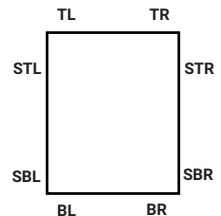
ST - Standard -9.8 ft.
CT - Custom Length ____ ft.

K. UL RATING

UL - Architectural Lighting
UR - Signage

L. 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



M. 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



LightPanel™ Systems