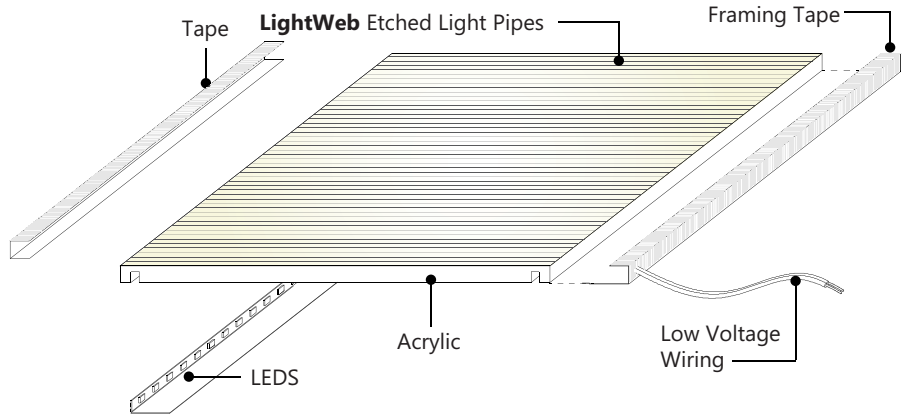
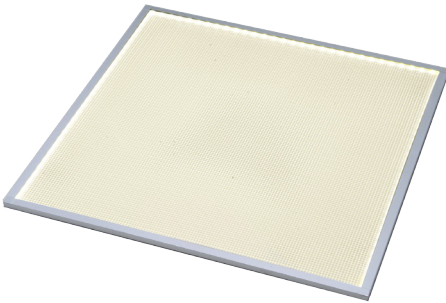


# BASIC LightPanel™ System

The **BASIC** LightPanel™ is built for seamless design integration with a thin profile starting at 1/4" thin to provide an ultra-slim sheet of light. Low power LEDs are integrated with an optical grade etched acrylic to provide evenly distributed lighting. The **BASIC** LightPanel™ is a versatile light source that generates a soft glow with virtually no heat.

The unique design of The **BASIC** LightPanel™ allows use in a large number of applications:

**Hospitality, Retail, Healthcare, Residential, Commercial Interior, Commercial Exterior, Accent Lighting, Cove Lighting, Millwork, Task Lighting, Custom Fixtures, Branding, 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™

### ACRYLIC:

Optical Grade  
Cell Cast  
Diamond with 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:

\*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.

\*See Optional Specifications for Seamless Applications

### BACKING MATERIAL:

Industrial Mil Pearlescent Heat-Bonded Reflective Backing Material.

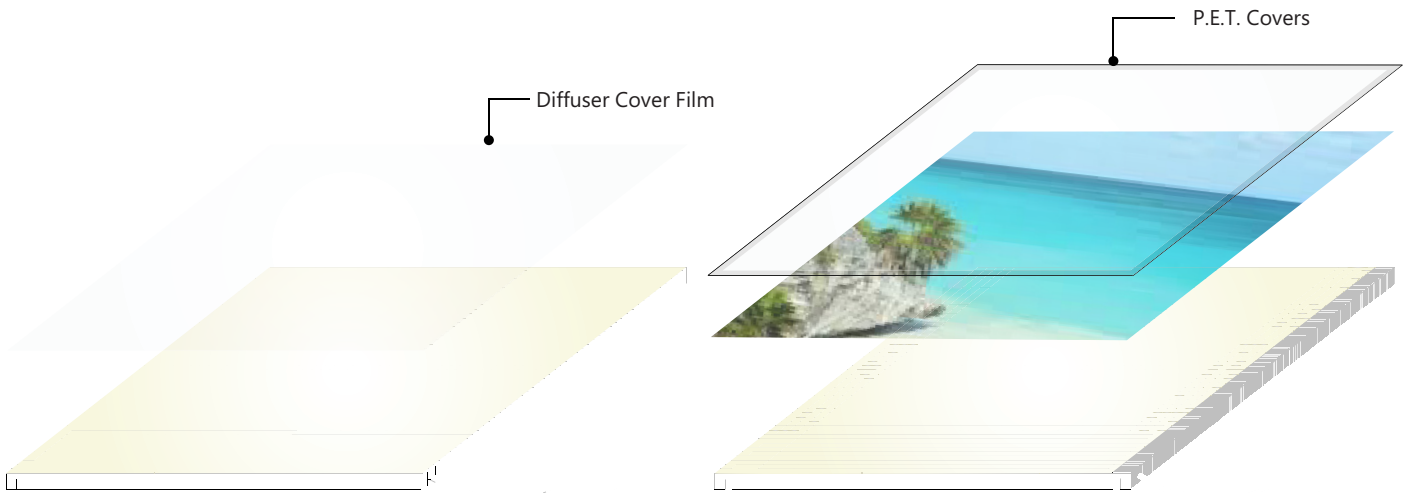
### APPROVALS AND CERTIFICATIONS:

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.



## 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

### 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**

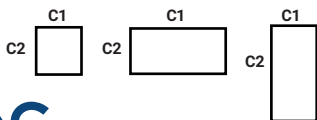
- LP - BASIC** LightPanel™
- LF - FRAMED**  
LightPanel™ with C Channel 7/16"  
LightPanel™ with J1 Channel 1/4"  
LightPanel™ with J2 Channel 5/16"
- LF - MEDIA FRAME**  
GRAPHIX LightPanel™ -3/4" x 3/4" Snap Frame  
IMAGEART LightPanel™ -1 - 3/8" x 15/16" Snap Frame  
IMAGEART -2 LightPanel™ with SF3 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**

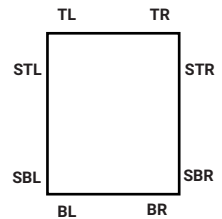
- ST** - Standard -9.8 ft.
- CT** - Custom Length \_\_\_\_ ft.

**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

