

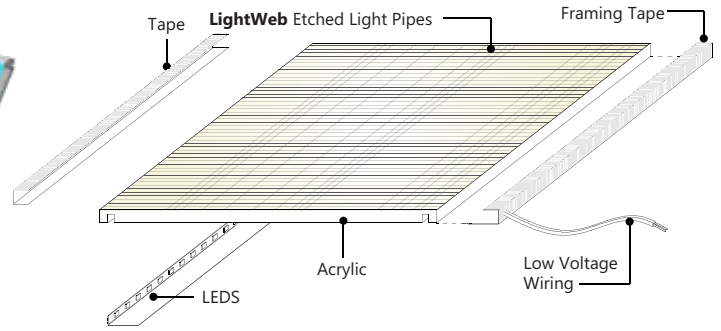
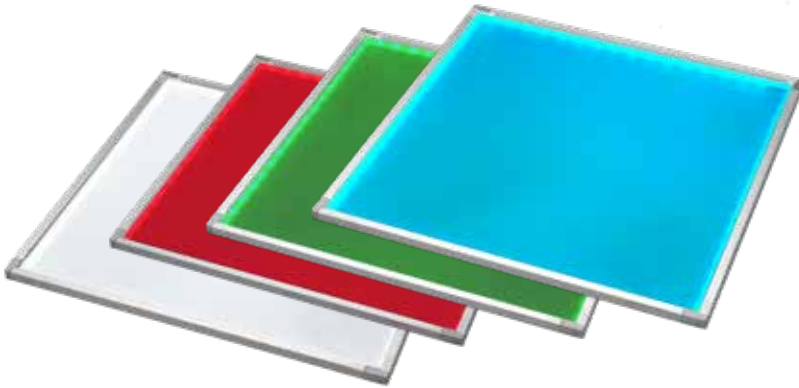


COLOR LightPanel™ System

The **COLOR** LightPanel™ System offers Red, Green, Blue and *Optional White* (RGB or RGBW) LEDs on the same chip allowing lighting designers the ability to change colors in their design. The colors can be adjusted to any Pantone selected by the designer allowing versatility and imaginative applications.

Applications of The **COLOR** LightPanel™ :

Hospitality, Retail, Residential, Bars, Restaurants, Commercial Interior, Commercial Exterior , Accent Lighting, Cove Lighting, Millwork, Branding, Logos, Signage 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:

12mm (7/16" -1/2")

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:

RGB - 4W/ Ft. - 12V / 24V Standard Power

RGBW - 4W/ Ft. - 24V Standard Power

POWER OUTPUT:

12VDC or 24VDC 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.

LEDs:

ANSI Binned LEDs from Tier 1 Suppliers

DAMP LOCATION:

All LightPanels™ are damp location rated when driven with a Class 2 Power Supply

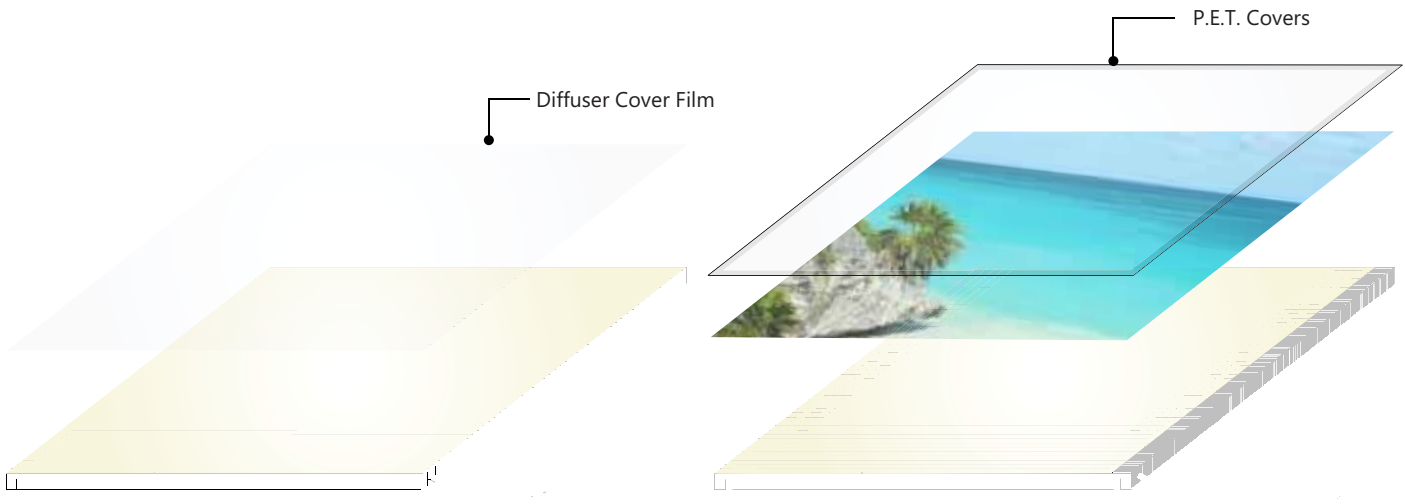
HOSPITAL AND MRI SAFE:

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.

*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

USB COMPATIBLE:
* Max. Size 40" X 40"

MULTIPLE PANEL MOUNTING OPTIONS:

- 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:

- Pantone spectrum match
- Can be delivered taped or with Aluminum Frame Profile
- Adjustment of color transitions from 1/10 of a second to 3.4 seconds

- 12 V / 24V Standard Power (RGB)
- 24V Standard Power (RGBW)

COMPATIBLE POWER SUPPLIES:

- DMX-Compatible
- DALI Compatible
- 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: |
|-------|---------------|----------|

| | | |
|--------|-------------------|-------|
| 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 (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: |
| ↓ | | ↓ | | ↓ | | ↓ | | ↓ | | ↓ | | ↓ | | ↓ | | ↓ | | ↓ | | ↓ | | ↓ | | ↓ | | ↓ | |
| LP | - | SP-12V | - | 108 | x | 60 | - | 2700 | - | NO | - | YES | - | 4SL | - | BC | - | ST | - | UL | - | TL | - | DHW | - | 20 | |

KEY:

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"
- 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"

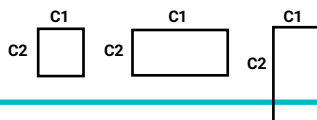
B. LED POWER

- 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

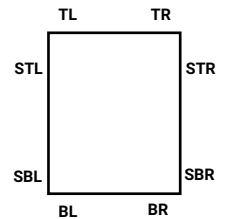
- ST** - Standard -9.8 ft.
- CT** - Custom Length ____ ft.

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