

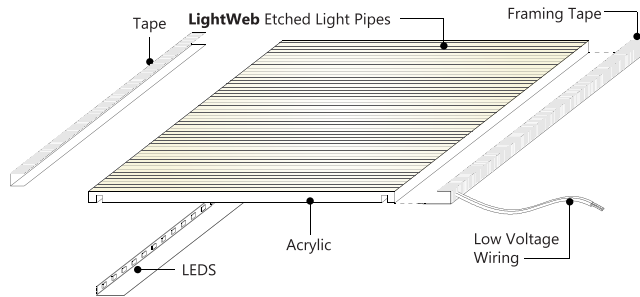


ARCHITECTURAL MILLWORK LightPanel System

The **ARCHITECTURAL MILLWORK** LightPanels System are slim LED LightPanel strips designed exclusively for custom cabinets, doors, windows, mouldings, alcoves and accent lighting. Our LightWeb Technology distributes light evenly, eliminating any hot spots otherwise visible with tape lighting.

The **ARCHITECTURAL MILLWORK** LightPanel System can be integrated to architect's and designer's specifications for any style of custom woodwork from historical restoration to contemporary design.

The **ARCHITECTURAL MILLWORK** LightPanel System is closet rated and ULListed



The unique design of The **ARCHITECTURAL MILLWORK** LightPanel System 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

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 12" - 10' x 1'

MINIMUM SIZE :

1" - 2" (Width)

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)
5W/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

DAMP LOCATION :

All Panels 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.

Optional Specifications

UL CLOSET
★ RATED ★

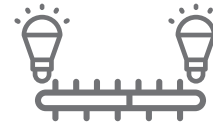


UL CLOSET RATED



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: <input type="checkbox"/> Yes <input type="checkbox"/> No

QTY	PANEL TYPE	VOLTAGE	DIMENSIONS (INCHES) TOP SIDE		LED SIDES	COLOR TEMP	LED POWER	DIFFUSER	CORD LENGTH	CORD LOCATION	CORD COLOR	POWER SUPPLY	SPECIFY "AM" FOR MILLWORK
5	LP	24V	48	50	4SL	2700	SP	DIF	CC6	TL	BC	010V	AM

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 - WATERPROOF

Lightpanel - Wet Location

AM - ARCHITECTURAL MILLWORK

Lightpanel

AU - AURA

Lightpanel

B VOLTAGE

24V - 24V (Standard)

12V - 12V (Optional)

C DIMENSIONS

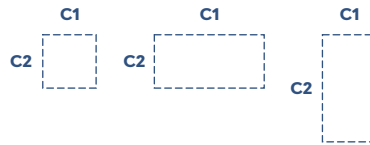
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C1- Top Dimension

C2- Side Dimension

*For custom shapes, please provide:

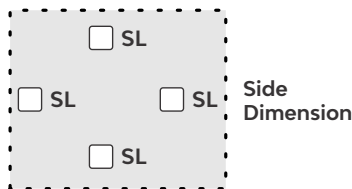
- Longest Outside Dimensions
- Drawing



D LED SIDES

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

Top 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

STL - Side Top Left Corner

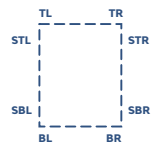
STR - Side Top Right Corner

BL - Bottom Left Corner

BR - Bottom Right Corner

SBL - Side Bottom Left Corner

SBR - Side Bottom Right Corner



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

L SPECIFY IF AM

Note "AM" if this product is going to be used in millwork, cabinetry, or closets



PROJECT NAME:

PROJECT LOCATION:

Please fill out the form

ITEM	QTY	A PANEL TYPE	B VOLTAGE	C1 DIMENSIONS TOP	C2 DIMENSIONS SIDE	D LED SIDES	E COLOR TEMP	F LED POWER	G DIFFUSER	H CORD LENGTH	I CORD LOCATION	J CORD COLOR	K POWER SUPPLY	L SPECIFY "AM" FOR MILLWORK
1	5	LP	24V	48	50	4SL	2700	SP	DIF	CC6	TL	BC	010V	AM

1. What is the Application the panels will be used for?
 E.g.: Hospitality, Retail, Signage Etc.

2. What are the LightPanels backlighting?
 E.g.: Stone, Graphic, Glass, Acrylic Etc.

3. Will the LightPanels be installed adjacent to one another?
 Yes No
 If Yes, Please Provide Drawing of Panel Layout

4. Will the LightPanels be powered individually (1:1) or would you like to connect Multiple LightPanels to a single driver?

5. Are there any installation details to review?

5. Is there an existing Dimming or Lighting Control System?
 If so, please provide Representative with information of the Control system (specs, manufacturer, etc.)

Additional information: