

The EOS logo is positioned in the upper left corner. It features the lowercase letters 'eos' in a white, sans-serif font. The letter 'o' is replaced by a stylized globe icon with blue and green segments.

eos

A sign for 'THE PENINSULA CHICAGO' is visible in the upper right background. The text is white and set against a dark, curved architectural element. The sign is partially obscured by the foreground structure.

THE PENINSULA  
CHICAGO

The image shows a modern interior space with dark, polished millwork. A prominent feature is a wall-mounted display system. It consists of a dark, textured millwork panel on the left, a vertical brushed metal handle with a circular pull, and a large, square, backlit display panel. The display panel is framed by a thin metal border and is illuminated from within, casting a warm glow. The background shows a curved wall with a sign for 'THE PENINSULA CHICAGO' and a reception desk with a laptop. The overall aesthetic is sleek and contemporary.

**ARCHITECTURAL MILLWORK**  
**LightPanel™ System**



Moisture Resistant  
Foil Backed Framing Tape

Moisture Resistant  
Foil Backed Framing Tape

Acrylic

Low Voltage  
Wiring

LEDs

Reflective Backing  
Material

HILTON GRAND ISLANDER  
HONOLULU, HI

Backlit petrified wood stone with CUSTOM Lightpanel™ in 2700k

Design:  
Stanford Hotels Corporation

## 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:

160" X 80" - 15' X 6'-7"

### MINIMUM SIZE:

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

### THICKNESS

1/4" to 7/16"

*\*Thickness is determined by panel shape, size, frame and power output.*

### 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:

4.3 W/Ft. - 24V Standard Power  
5 W/ Ft. - 24V - High Power

### POWER OUTPUT:

12VDC & 24VDC (Standard)

### INPUT VOLTAGE:

100V to 480V

### DIMMABLE:

The system is dimmable to <10% when matched with Dimmable Power Supplies  
\*Phase dimming 0-10V, or remote control plug in

### COMPATIBILITY:

USB Compatible.  
*\* Max. Size 40 Linear inches*

### 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.*



eos ARCHITECTURAL MILLWORK LightPanel™ System  
Dimmable task light in 2700k



eos ARCHITECTURAL MILLWORK LightPanel™ System  
Dimmable closet light in 2700k



eos ARCHITECTURAL MILLWORK  
Dimmable closet light in 2700k



eos ARCHITECTURAL MILLWORK LightPanel™ System  
Dimmable mirror light in 2700k



eos ARCHITECTURAL MILLWORK LightPanel™ System  
Dimmable accent lighting behind bed in 2700k



eos ARCHITECTURAL MILLWORK  
Dimmable accent artwork light in 2700k



eos ARCHITECTURAL MILLWORK  
Dimmable closet light in 2700k



eos ARCHITECTURAL MILLWORK  
Dimmable cabinet lights in 2700k

# ARCHITECTURAL MILLWORK LightPanel™ System

The **ARCHITECTURAL MILLWORK** LightPanels™ are slim LED LightPanel™ strips designed exclusively for custom cabinets, doors, windows, mouldings, alcoves and accent lighting. The thin LED LightPanel™ strips distribute light evenly, eliminating 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.

## APPLICATIONS INCLUDE:

Accent Lighting, Cove Lighting and Millwork, Task Lighting Custom Fixtures and Cabinets for Hospitality, Luxury Residential, Retails and Commercial Projects with Custom Millwork.

## ADDITIONAL FEATURES:

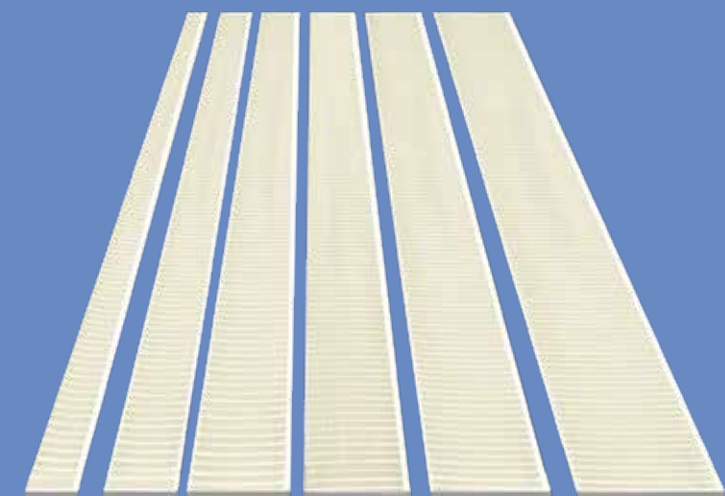
Standard 12V Power or 24V High Power depending on the application

4.3 W/Ft . -12V / 24V Standard Power  
5 W/ Ft. - 24V - High Power

## COLOR TEMPERATURES:

2400K	3500K	4800K	7500K
2700K	4000K	5300K	UV (Ultraviolet)
3000K	4400K	6500K	

\*Available as **COLOR** Light Panel™ and **COLOR TUNING** Light Panel™





ARCHITECTURAL MILLWORK  
COLOR LightPanel™ System  
Confidential Hospitality Project



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COLOR LightPanel™ System  
Confidential Hospitality Project



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COLOR LightPanel™ System  
Confidential Hospitality Project



ARCHITECTURAL MILLWORK  
COLOR LightPanel™ System

# ARCHITECTURAL MILLWORK 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 INCLUDE:

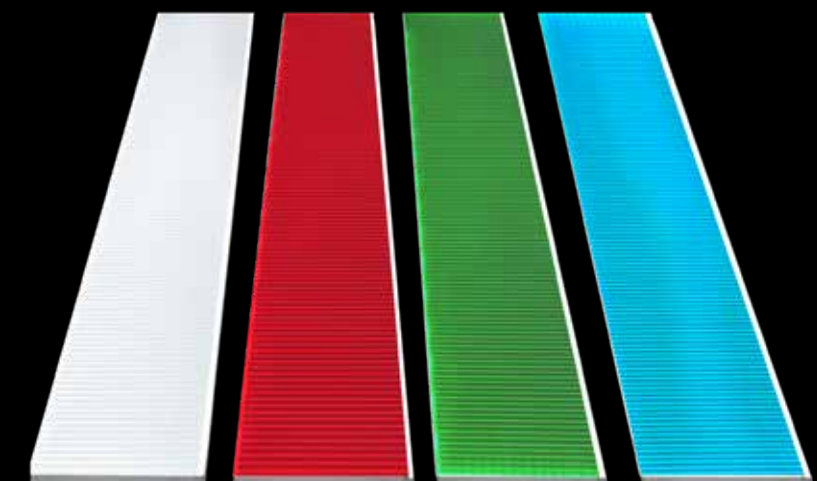
Accent Lighting, Cove Lighting and Millwork, Task Lighting Custom Fixtures and Cabinets for Hospitality, Luxury Residential, Retail and Commercial Projects with Custom Millwork.

## ADDITIONAL FEATURES:

Standard 12V Power or 24V High Power depending on color temperature  
4 W/Ft. - RGB 12V / 24V Standard Power  
4 W/ Ft. - RGBW 24V - Standard Power

## COLOR TEMPERATURES:

RGB  
RGBW



*\*Available as COLOR TUNING Light Panel™*



# APPLICATION SAMPLES



[www.eoslight.com](http://www.eoslight.com)

2019