



THE PENINSULA
CHICAGO

ARCHITECTURAL MILLWORK
LightPanel™ System



Moisture Resistant
Foil Backed Framing Tape

Moisture Resistant
Foil Backed Framing Tape

Acrylic

Low Voltage
Wiring

LEDs

Reflective Backing
Material

KAISER PERMANENTE
LOS ANGELES, CA

WINDOW MEDIA FRAME Lightpanel™ in 5300k

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

POWER OUTPUT:

12VDC or 24VDC Standard or 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.

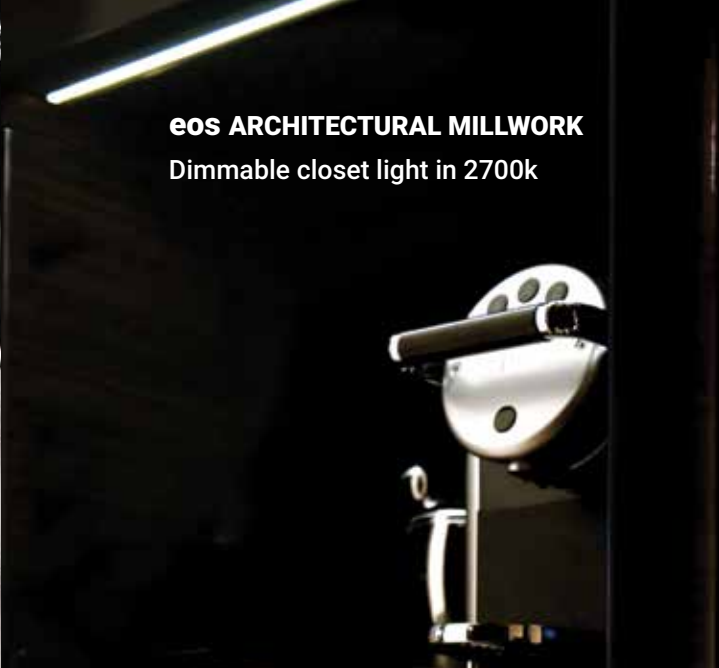
*See technical sheet in the back of brochure for disclaimers on how to drill a panel or how to request predrilled holes in a panel for easy installation.



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.

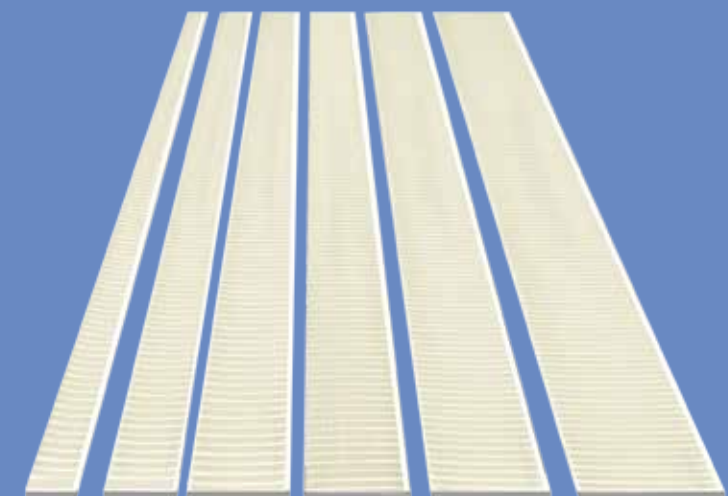
ADDITIONAL FEATURES:

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 | |





ARCHITECTURAL MILLWORK
COLOR LightPanel™ System
Confidential Hospitality Project



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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:

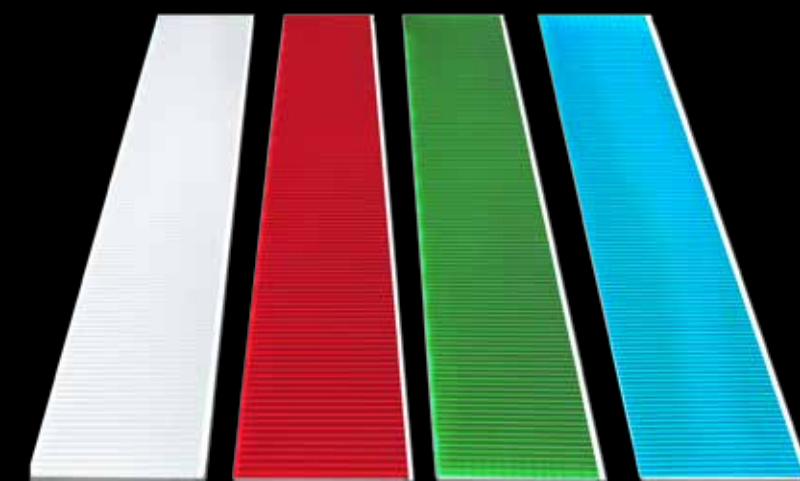
Accent Lighting, Cove Lighting and Millwork, Task Lighting Custom Fixtures and Cabinets for Hospitality, Luxury Residential, Retail and Commercial Projects with Custom Millwork.

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





APPLICATION SAMPLES



LightPanel™ Systems

www.eoslightpanels.com

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