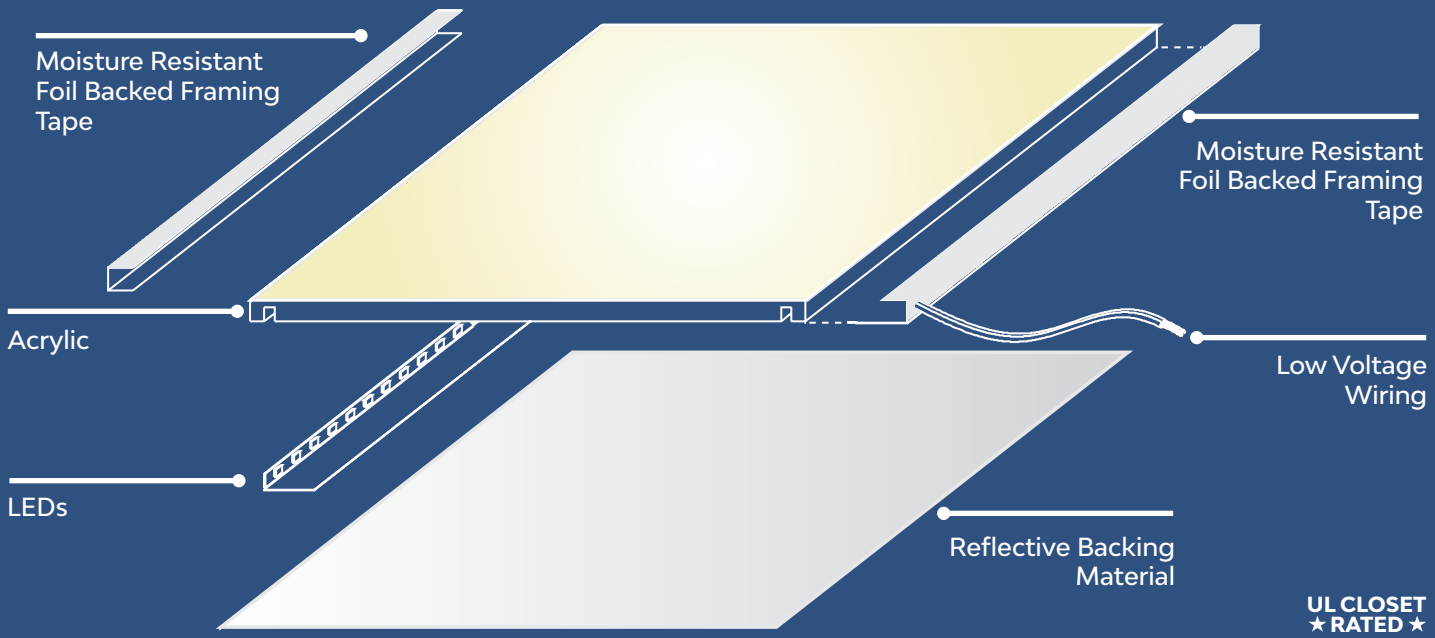
eos

LightPanels

Architectural Millwork

LightPanel System



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

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

Dimmable:

The system is dimmable to <10% when matched with Dimmable Power Supplies

Wattage:

4.3 W/Ft . - 24V Standard Power (Optional: 12V)
8.6 W/Ft. 24V High Power Double Strand (HPDS)
5 W/Ft. - 24V - High Power
Ask an eos specialist for information on RGB, RGBW and Color Tuning options.

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:

All Panels are Damp Location Rated when driven with a Class 2 Power Supply

Wire Gauge:

20GA Wiring for White and Color Tuning Panels, 24GA for Color

Approvals And Certifications:

The LightPanel System is UL approved. All power supplies are UL / ETL listed.

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

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:

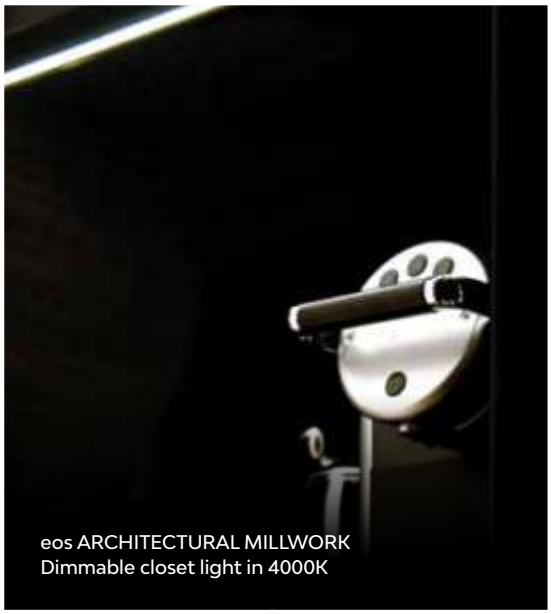
- Z-Profiles • Stand Offs • Key-Hole Frames • Mirror Clips
- Aircraft Cable Mounts • Pre-Drilled holes by factory
- Panels are drillable on site (use only eos suggested method in brochure)

SCAN TO DOWNLOAD PRODUCT SPECIFICATION

eos ARCHITECTURAL MILLWORK LightPanel System
Dimmable task light in 6000K

eos ARCHITECTURAL MILLWORK LightPanel System
Dimmable closet light in 4000K

eos ARCHITECTURAL MILLWORK
Dimmable accent artwork light in 2700K



eos ARCHITECTURAL MILLWORK
Dimmable closet light in 4000K

eos ARCHITECTURAL MILLWORK
Dimmable cabinet lights in 3500K

eos ARCHITECTURAL MILLWORK LightPanel System
Dimmable mirror light in 4000K

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

eos ARCHITECTURAL MILLWORK
Dimmable closet light in 3500K

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 architects' and designers' 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, Retail and Commercial Projects with Custom Millwork.

Additional Features:

24VDC Standard and 24VDC High Power,
12VDC Available upon request

4.3 W/Ft . -24V Standard Power (Optional: 12V)
8.6 W/Ft. 24V High Power Double Strand (HPDS)
5 W/ Ft. - 24V - High Power

Color Temperatures:

• 1800K • **2400K** • **2700K** • **3000K**
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UL CLOSET ★ RATED ★

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PRODUCT SPECIFICATION

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 designs. 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 temperarure

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

Color Temperatures:

RGB
RGBW

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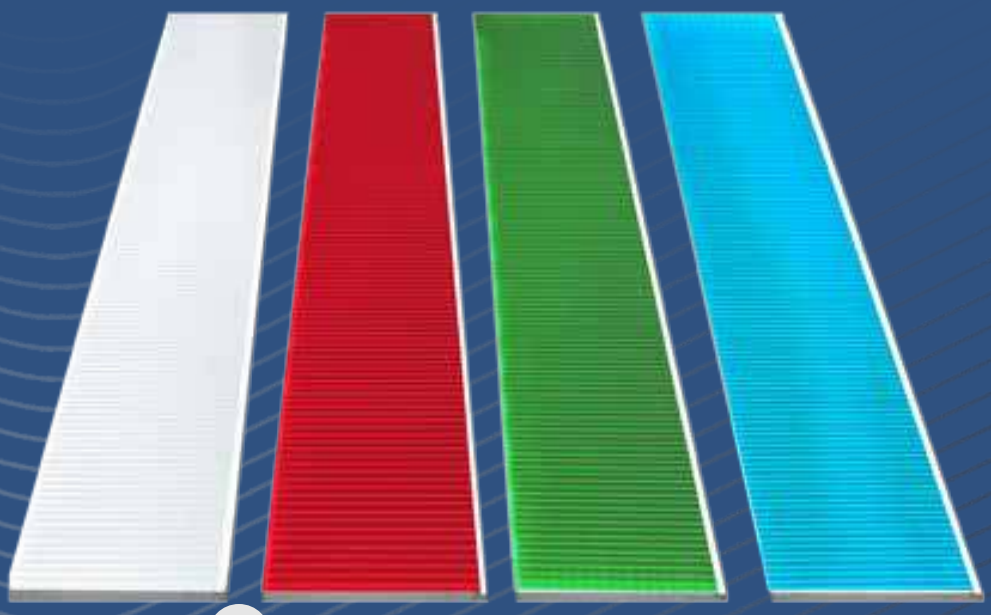
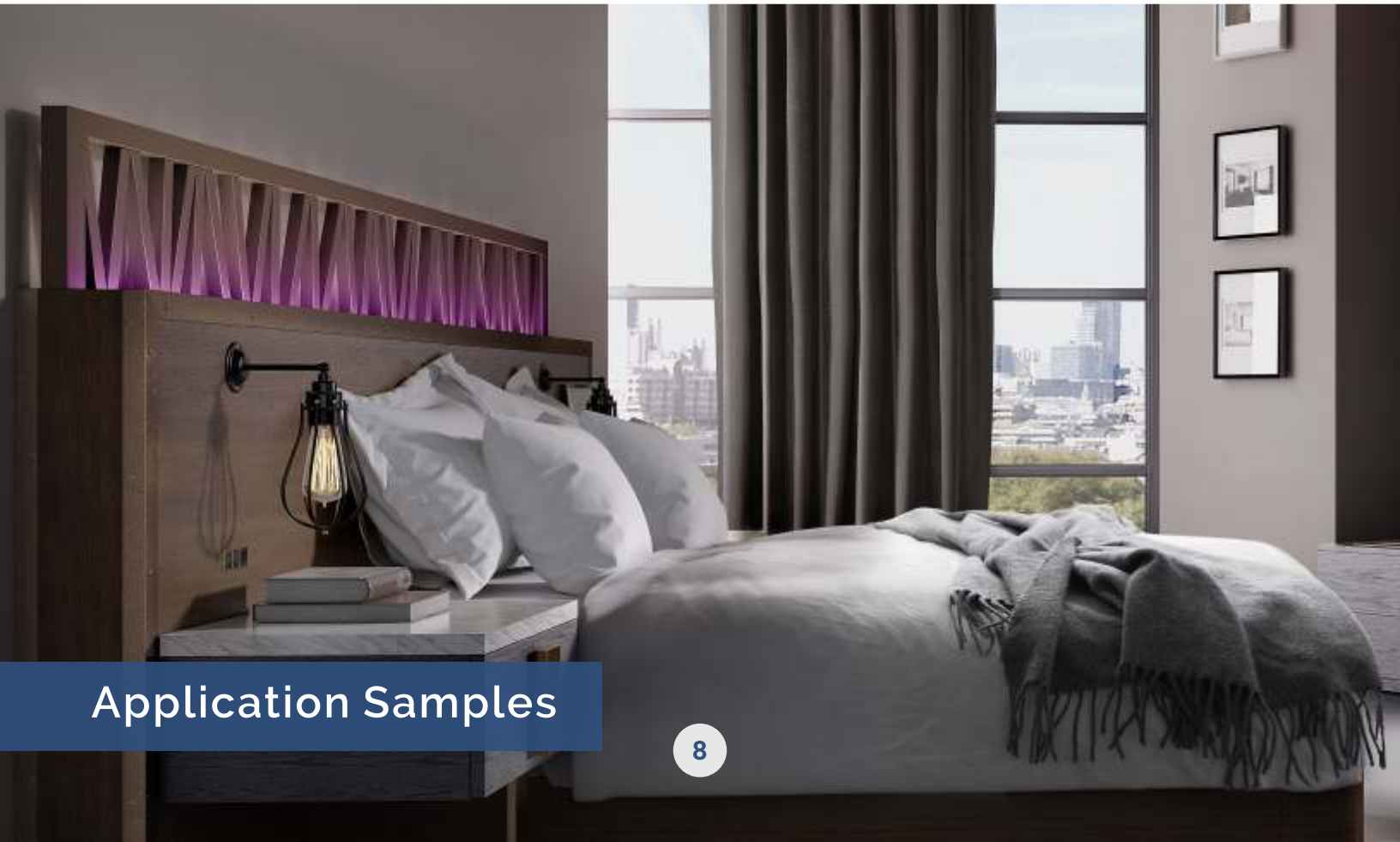
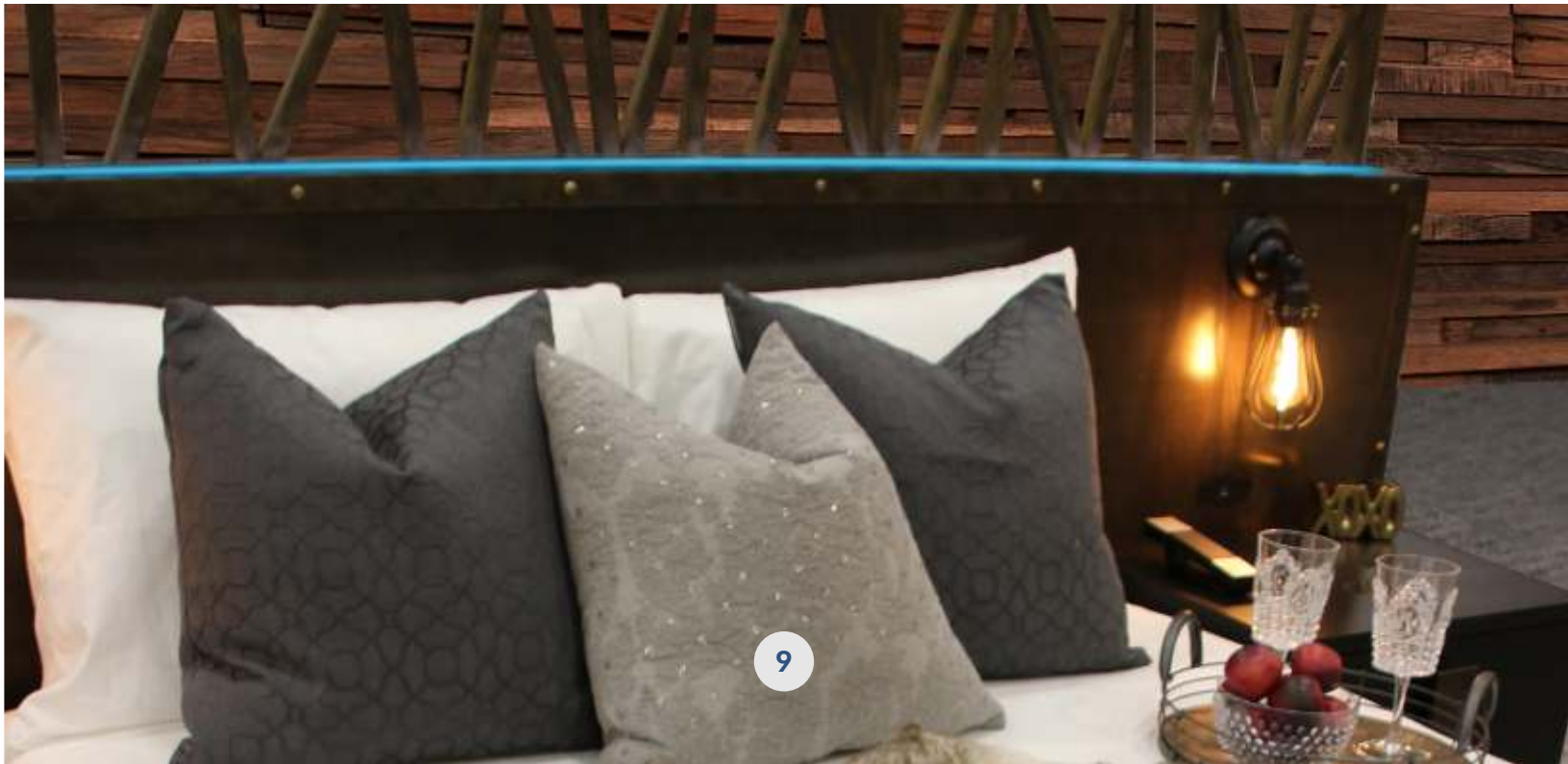
PRODUCT SPECIFICATION





Application Samples



www.eoslight.com

350 Crenshaw Blvd., Suite A104, Torrance, CA 90503 | P 310.616.5070 | F 310.616.5056 | info@eoslight.com