AURA **LightPanel** SYSTEM

The **AURA** LightPanel System is a complete backlit solution – specifically for wall applications – that utilizes our LightPanel to uniformly distribute light edge to edge and provides an even beautiful glow.

The **AURA** LightPanel allows designers to have a clean acrylic face and glowing edge with the aluminum profile hidden.

Acrylic

Aluminum Profile

3/4"
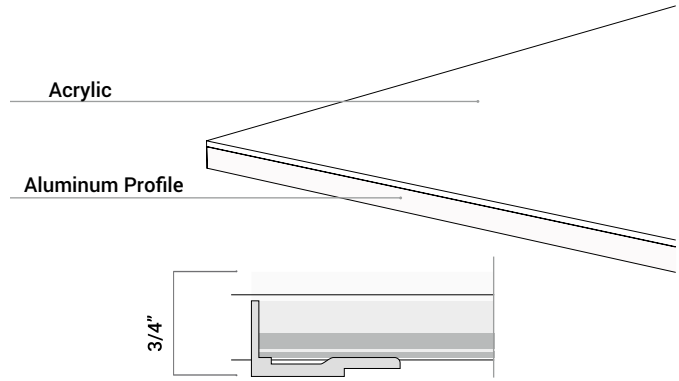
The AURA LightPanel allows designers to back light custom shapes in a number of applications:

Hospitality

Retail

Healthcare

Residential

Accent Lighting

Branding

Commercial Interior

Millwork

Cove Lighting

Task Lighting

Custom Fixtures

Logos and Signage

Commercial Exterior

General Specifications

LIGHT WEB TECHNOLOGY™ :
3D etched patterns to evenly distribute light throughout the panel. Patterns available are GRID, DOT and MICRODOT™

MAXIMUM SIZE :
96" x 48" (consult with eos specialist for recommendations with oversize panels)

MINIMUM SIZE :
3" X 3"

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)
5 W/ 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.
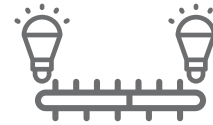
Optional Specifications
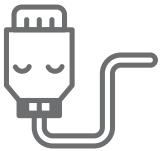
USB COMPATIBLE :
* Max. Size 40" X 40"
  (wattage permitting)

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

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