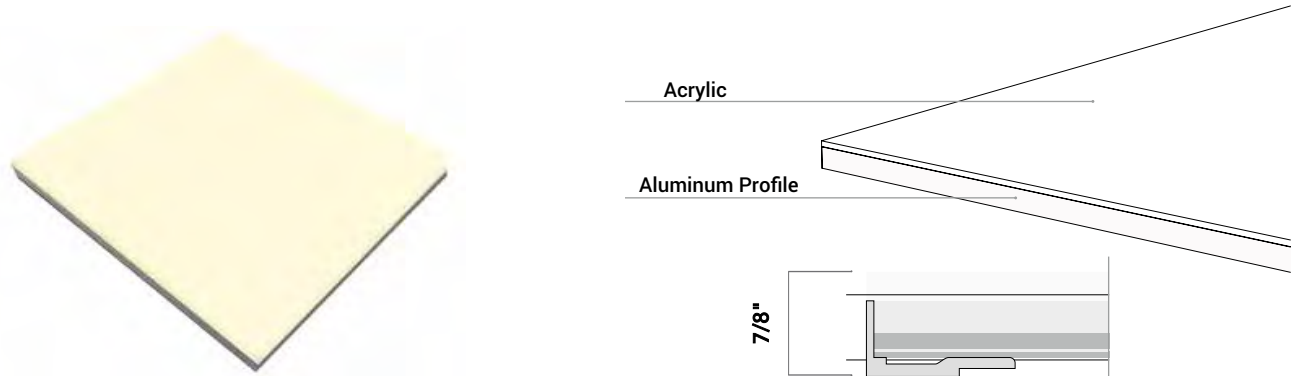# AURA **LightPanel** SYSTEM

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

7/8"

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

General Specifications

SURFACE APPEARANCE
Edge-to-Edge, glowing, clean acrylic surface (matte or glossy) with an aluminum profile.

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

MINIMUM SIZE :
3" X 3"

THICKNESS:
7/8"

LONG LIFE :
Over 50,000 hours = Nearly 12 years based on 12 hours a day. Once installed, the LightPanel System is virtually maintenance free.

IP RATNG:
Indoor Rated

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)
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 standard, 95+ Premium option
LED CRT - 1800K - 7500K
RGB available
RGBW available

WIRE GAUGE:
20GA Wiring for White and Color Tuning Panels, 24GA for Color

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.

INSTALLATION :
The Aura LightPanel comes with standard French Cleat wall mounting with the cleats pre-installed.
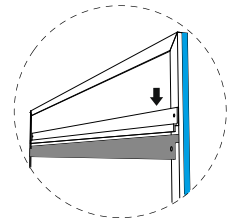
Optional Specifications

COMPATIBLE POWER SUPPLIES :
• 0-10V dimming • DMX/DALI
• Electronic low voltage (ELV)
• Plug in DC Jack • Dimmable Plug in w/ Remote
• TRIAC/ Phase Dimming

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:

• French Cleats (Z - Profiles)
• Key-Hole Frames

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**

UL LISTED
c US
LOW VOLTAGE LUMINAIRE
E480527

c UL US
E467626

CE

RoHS

Product Specification
Ordering Form

NAME:

PHONE:

EMAIL:

COMPANY NAME:

PROJECT NAME:

PROJECT LOCATION:

ANTICIPATED DELIVERY DATE:

PROJECT SPECIFIER:

ADDRESS:

CITY:

ZIP CODE:

RUSH PROJECT: ☐ Yes ☐ No

		DIMENSIONS (INCHES)											
A	B	C1	C2	D	E	F	G	H	I	J	K	L	M
PANEL TYPE	VOLTAGE	TOP	SIDE	LED SIDES	COLOR TEMP	LED POWER	DIFFUSER	CORD LENGTH	CORD LOCATION	CORD COLOR	POWER SUPPLY	POTENTIAL #	REVISION #
AU	24V	27	48	4SL	3500	SP	ND	SC	BR	BC	010V	26861	REV0

A PANEL TYPE

AU – AURA LightPanel
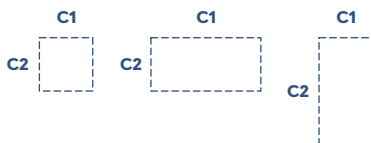
B VOLTAGE

24V - 24V (Standard)
12V - 12V (Optional)

C DIMENSIONS

(Generated by Client)
C1- Top Dimension
C2- Side Dimension
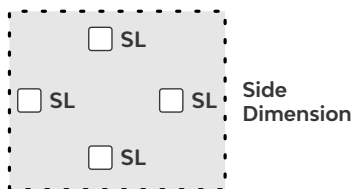
Round also available –
Please supply
diameter

C1   C1   C1

C2   C2   C2

D LED SIDES

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

Top Dimension

☐ SL

☐ SL   ☐ SL   Side Dimension

☐ SL

*Please note, the longest length is typically the LED side when selecting 1SL or 2SL

E COLOR TEMP

1800 - 1800K   **6500** - 6500K
2400 - 2400K   **7500** - 7500K
2700 - 2700K   **UV** - Ultraviolet
3000 - 3000K   **RGB** - Color Changing
3500 - 3500K   **RGBW** - Color Changing
4000- 4000K   + White (6000K, 4000K,
5000 - 5000K   2700K)
6000 - 6000K   **CT**- Color Tuning
                     (2400K to 6000K)

F LED POWER

SP– Standard Power   **PSP–** Premium Standard Power (95⁺ CRI)
HP– High Power   **PHP–** Premium High Power (95+ CRI)

G OPTIONAL 2MM DIFFUSION OPAL

ND - No Diffuser

H POWER CORD LENGTH

SC - Standard -9.8 ft.
CC_ - Custom Length ____ ft

```
        TL          TR
   STL                  STR


   SBL                  SBR
        BL          BR
```
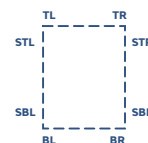
I POWER CORD EXIT

TL - Top Left Corner   **BL** - Bottom Left Corner
TR- Top Right Corner   **BR** - Bottom Right Corner
STL - Side Top Left Corner   **SBL** - Side Bottom Left Corner
STR - Side Top Right Corner   **SBR** - Side Bottom Right Corner

J POWER CORD COLOR

BC - Black   **WC** - White

K POWER SUPPLY INFO

010V - 010V Dimmable Hardwire
ELV - Electronic Low Voltage Hardwire
DMX - DMX /DALI
PI - Plug In, DC Jack
DPI - Dimmable Plug in w/ remote
TR - TRIAC/Phase Dimming

L POTENTIAL

Enter Potential # Here

M REVISION

Enter Revision # Here

Please fill out the form

A	B	C1	C2	D	E	F	G	H	I	J	K	L	M
PANEL TYPE	VOLTAGE	DIMENSIONS TOP	SIDE	LED SIDES	COLOR TEMP	LED POWER	DIFFUSER	CORD LENGTH	CORD LOCATION	CORD COLOR	POWER SUPPLY	POTENTIAL #	REV#
AU	24V	27	48	4SL	3500	SP	ND	SC	BR	BC	010V	26861	REV0

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

2. Are the AURA LightPanels backlighting anything?
E.g.: Lettering on standoffs, 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: