AURA Metal **LightPanel** SYSTEM

The **AURA Metal** LightPanel System is a complete backlit solution – specifically for wall applications – that utilizes both our metal patterns *and* our AURA LightPanel to uniformly distribute light edge to edge behind the pattern and provide an even beautiful glow.

The **AURA Metal** LightPanel allows designers to have a clean acrylic face behind a Deco metal pattern with and glowing edge with the profile hidden.

Metal Pattern

Acrylic

Aluminum Profile

1.125"
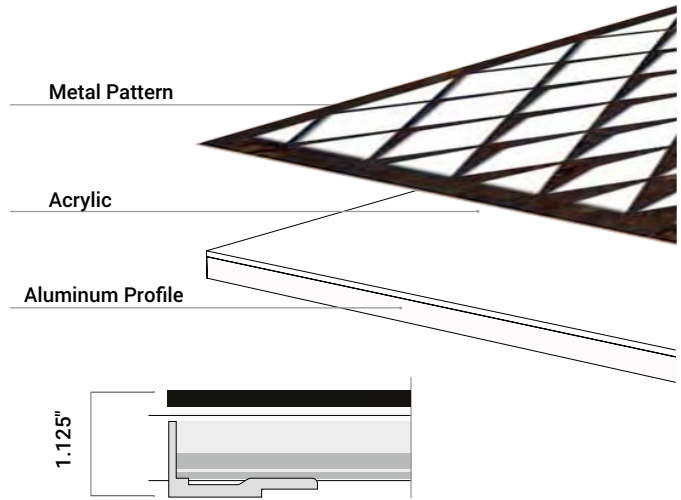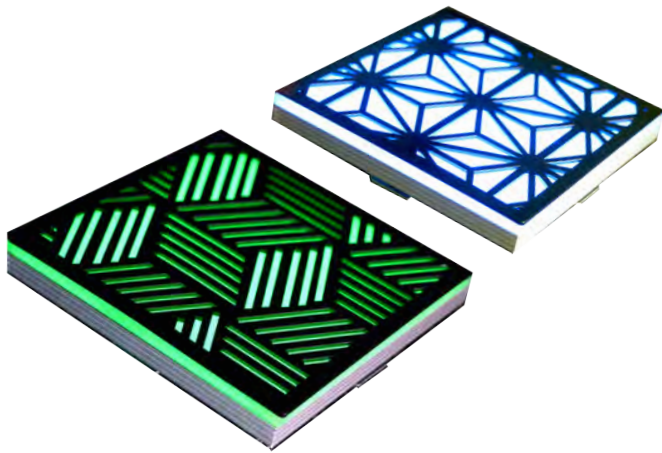
The AURA Metal LightPanel allows designers to back light custom shapes in a number of applications:

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 acrylic panel (matte or glossy) using an aluminum profile and with a standard or custom metal pattern overtop.
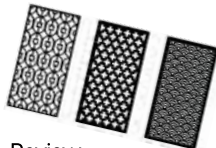
Review our available standard patterns in this brochure

MAXIMUM SIZE :

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

MINIMUM SIZE :

3" X 3"

THICKNESS:

1.125" including mounting hardware

IP RATNG:

Indoor Rated

LONG LIFE :

Over 50,000 hrs = Nearly 12 yrs based on 12 hrs 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)
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
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.

SERVICE AND INSTALLATION :

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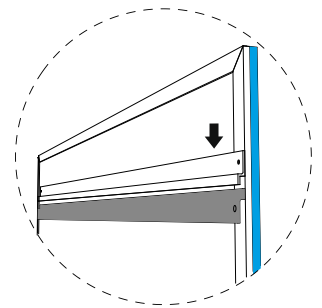
Optional Specifications

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

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

c(UL)us LISTED
LOW VOLTAGE LUMINAIRE
E480527

c(UL)us
E467626

CE

RoHS

Product Specification
Ordering Form

NAME:

PROJECT NAME:

ADDRESS:

PHONE:

PROJECT LOCATION:

CITY:

EMAIL:

ANTICIPATED DELIVERY DATE:

ZIP CODE:

COMPANY NAME:

PROJECT SPECIFIER:

RUSH PROJECT: ☐ Yes ☐ No

	A	B	C1	C2	D	E	F	G	H	I	J	K	L	M
	PANEL TYPE	VOLTAGE	DIMENSIONS (INCHES) 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

LP – BASIC
LightPanel (use For Curved Panel As Well)

LF – FRAMED
LightPanel With C Channel 7/16"
LightPanel With J1 Channel 1/4"
LightPanel With J2 Channel 5/16"

CP – CRYSTAL
LightPanel

CF – CRYSTAL FRAMED
LightPanel With C Channel 7/16"

WP – OUTDOOR
LightPanel - Damp Location

AM – ARCHITECTURAL MILLWORK
LightPanel

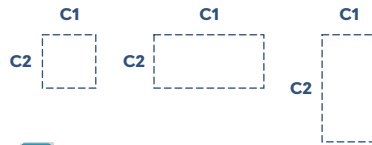**AU – AURA** LightPanel

B VOLTAGE

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

C DIMENSIONS

(Generated by Client)
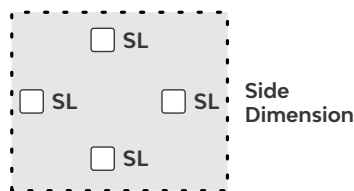**C1**- Top Dimension
C2- Side Dimension

Round also available -
Please supply
diameter

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

F LED POWER

SP– Standard Power
HP– High Power
PSP– Premium Standard Power (95⁺ CRI)
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
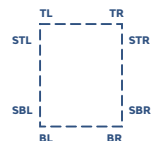
I POWER CORD EXIT

TL – Top Left Corner
TR– Top Right Corner
STL – Side Top Left Corner
STR – Side Top Right Corner
BL – Bottom Left Corner
BR – Bottom Right Corner
SBL – Side Bottom Left 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 DECO AURA LightPanels backlighting anything aside from the metal pattern?

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: