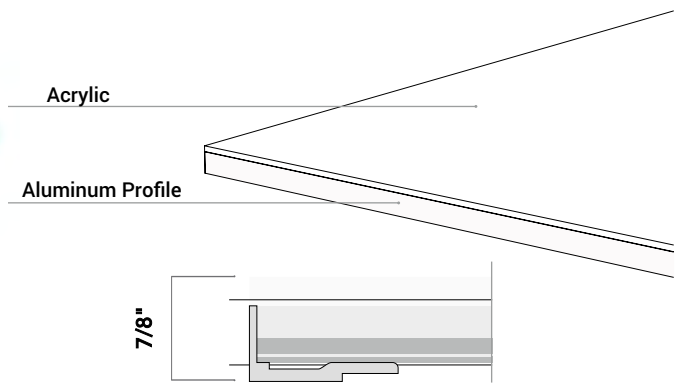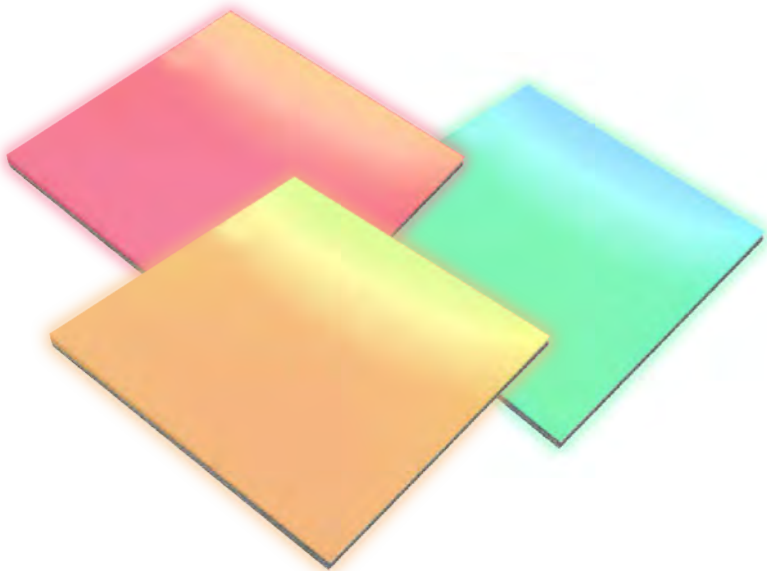# eos

DYNAMIC AURA
LightPanel SYSTEM

The **DYNAMIC AURA** LightPanel System is a complete backlit solution – specifically for wall applications – that utilizes our LightPanel to distribute light edge to edge with attention-grabbing, fun RGB lighting effects across the surface of the panels as a result of individually addressable LEDs.

AURA allows designers to have a clean acrylic face and glowing edge with the aluminum profile hidden. DYNAMIC AURA adds flair via color-shifting and changing effects.

Acrylic

Aluminum Profile

7/8"

The DYNAMIC 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

Custom Fixtures

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 :
4" X 4"

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.

LEDs :
Individually Addressable RGB/RGBW LEDs

POWER OPTIONS:
24VDC

DRIVER INPUT VOLTAGE :
120-277 VAC

WATTAGE :
6.1W per linear ft.

CONTROLLERS :
Direct DMX Control:
Panels will connect to DMX controller directly. Panel custom initial addressing upon request. DMX controller programmed upon request.

SPI Control:
Panel will be connected to an SPI decoder that has a DMX controller input port. DMX controller programmed upon request.
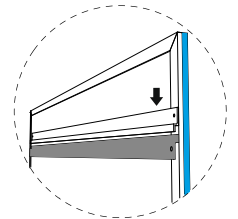
IP RATNG:
Indoor Rated

WIRE GAUGE:
18GA Wiring

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 15 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 :
• DMX Controllable with individually addressed LED Strips preset at the factory (preferred)
• SPI controllable with specialty controller (provided by EOS)

COLOR TEMPERATURES :
Dynamic LEDs (Individually - Addressable RGB)

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(N)us
E467626

CE

RoHS

Product Specification
Ordering Form

eos

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	DYN	SP	ND	SC	BR	BC	010V	26861	REV0

A PANEL TYPE

AU – AURA LightPanel
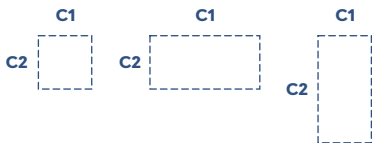
B VOLTAGE

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

C DIMENSIONS

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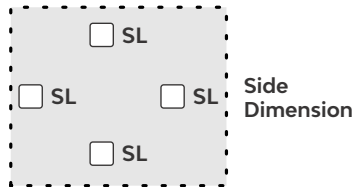**C1**- Top Dimension
C2- Side Dimension

Round also available –
Please supply
diameter

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

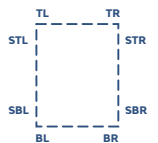## E COLOR TEMP

DYN - Dynamic Color Changing

F LED POWER

SP– Standard Power

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		LED SIDES	COLOR TEMP	LED POWER	DIFFUSER	CORD LENGTH	CORD LOCATION	CORD COLOR	POWER SUPPLY	POTENTIAL #	REV#
		TOP	SIDE										
AU	24V	27	48	4SL	DYN	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: