

2026 Edition



PRODUCT CATALOG

Indoor, Outdoor, and Specialty LED Panels



CONTENTS

Welcome to the Matrix Visual Solutions Product Catalog. Explore our LED display solutions engineered for high performance across a wide range of applications.



LOCATIONS 03

With locations across key U.S. regions, we deliver consistent support for projects nationwide.



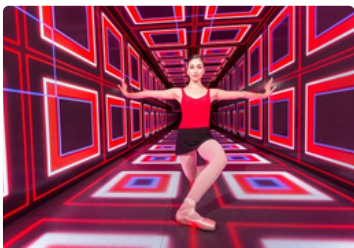
INDOOR LED 05

Indoor LED solutions built for high-resolution visuals and reliable performance.



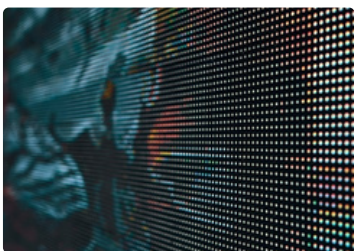
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Check out the Matrix Visual LED Calculator, your go-to tool for estimating setup specifications and installation planning.



MATRIX

1050



LOCATIONS



With locations across key U.S. regions, we deliver consistent support for projects nationwide.

LOCATIONS



ORANGE COUNTY, CA



Our California office is strategically located to serve Orange County, Los Angeles, San Francisco, and San Diego. The facility includes an LED repair department, quality control station, and showroom for testing and showcasing the latest LED technology.

 1050 E Valencia Drive Fullerton, CA 92831
 (714) 363-9473



NASHVILLE, TN



Our Nashville office supports regional projects and serves as a hub for Central and East Coast coverage.

 3866 Logistics Way #201 Antioch, TN 37013
 (888) 862-8749



LAS VEGAS, NV

Located just minutes from the Las Vegas Strip, our facility is positioned in one of the country's leading entertainment and trade show markets, allowing for efficient support of events across the city and surrounding region.

 12030 Bermuda Road Suite 130, Henderson, NV 89052
 (888) 862-8749

FUTURE LOCATIONS

As we continue to grow, we strategically expand into new locations based on market demand, accessibility, and operational efficiency. Each location is selected to better serve our clients and the communities we operate in. We remain committed to transparency and welcome your feedback as we plan future expansion.



INDOOR LED

Indoor LED solutions built for high-resolution visuals and reliable performance.

INDOOR LED - ROE



ROE GRAPHITE - 2.6MM

Ultra-lightweight solution for large-scale indoor LED walls.

- Processor: Brompton
- Dimensions: 500x500 & 500x1000
- Extremely lightweight.
- Perfect for large walls, ceiling, or even raked angles

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ROE BLACK PEARL - 2.8MM

High frame rate, high refresh rate, and low scan lines make Black Pearl ideal for broadcast and studio environments.

- Processor: Brompton
- Dimensions: 500x500
- Tile frames made of magnesium alloy
- Each module stores calibration and operating parameters individually

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ROE BLACK PEARL V2 - 2.8MM

Black Pearl V2 is a broadcast-grade HD LED panel designed for film studios, broadcast environments, and virtual production.

- Processor: Helios
- Dimensions: 500x500
- Refresh Rate: 7680Hz
- Scan Ratio: 1/8
- Rich color accuracy
- Concave and Convex 10°

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INDOOR LED - ROE

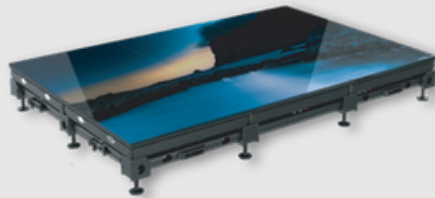


ROE CB3 - 3.7MM

Lightweight design for fast builds and large-scale LED walls.

- Processor: Brompton
- Dimensions: 600x600 & 600x1200
- Ultra-lightweight carbon
- High-resolution for incredible visual displays
- Convex or concave curve options
- Half panel option

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ROE BM FLOOR - 4.7MM

High-resolution LED floor panel designed for TV studios, broadcast applications, exhibitions and events.

- Processor: Brompton
- Dimensions: 609.6x609.6 x 130mm
- Indoor/Outdoor use
- Top access for easy module maintenance

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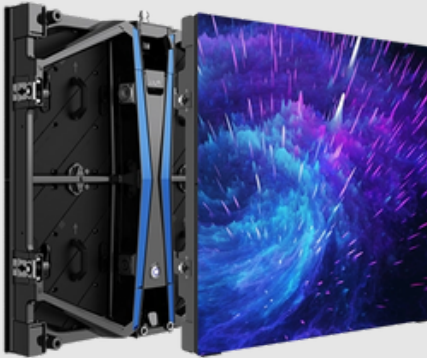
ROE BM FLOOR TRIANGLE - 4.7MM

Seamlessly integrating with standard BM4 tiles, ideal for curved layouts, circular floors, and custom designs.

- Processor: Brompton
- Seamless integration with standard BM4 tiles
- Indoor/Outdoor use
- Top access for easy module maintenance

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INDOOR LED - UNILUMIN

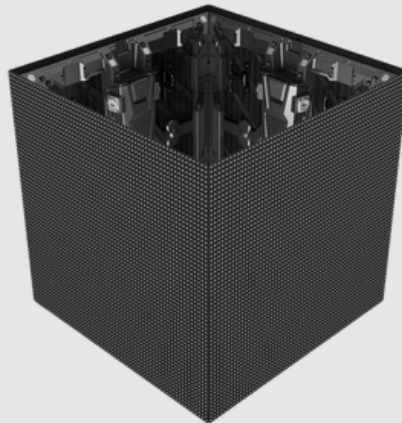


UNILUMIN UPAD IV - 2.6MM

Lightweight LED panels designed for fast installation, easy maintenance, and precise -5° to $+10^{\circ}$ curving with HDR visuals.

- Processor: Novastar
- Dimensions: 500x500
- Automatic lock design.
- Enables one engineer to finish installation
- Mobile control solution, 4K in hand
- Ultra lightweight design

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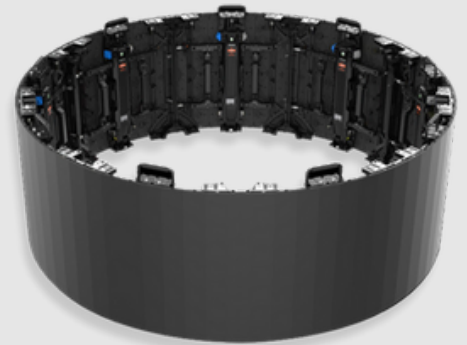


UNILUMIN UPAD IV-C - 2.6MM

Perfect for LED corners and cubes.

- Processor: Novastar
- Dimensions: 500x500
- Precise cube edges and clean screen connections for seamless 90 degree corners

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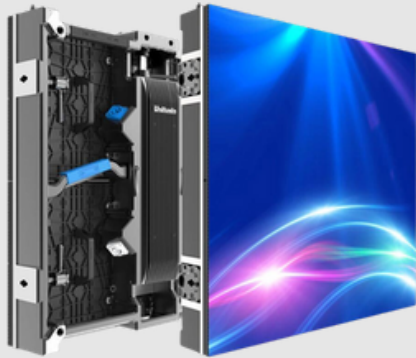
UNILUMIN UPAD IV-S - 2.6MM

Uses flexible modules and an adjustable frame design to achieve natural and soft curves.

- Processor: Novastar
- Dimensions: 500x500 x80mm
- Compatible Splicing Solution
- 9 angle adjustment gears for a single cabinet with $\pm 40^{\circ}$ curve range
- Ultra HD Display Effect Cabinet Curve Range Adjustment ABS Technology

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INDOOR LED - UNILUMIN



UNILUMIN UPAD III - 2.6MM

Balances high-resolution and durability. Available as a single tile or seamless corner.

- Processor: Novastar
- Dimensions: 500x500
- Panel supports both convex & concave curving installations
- Rear-accessible and magnetic module design
- Modular designed power supply and receiving card
- Corner option available

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UNILUMIN UPAD III CORNER - 2.6MM

Creates seamless 90° corners for a clean, continuous LED look.

- Processor: Novastar
- Dimensions: 500x500, 1000x500 when assembled
- Strong anti-scratch surface
- Quick, easy, and creative set up
- 140° angle view for optimal use from close and afar

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INDOOR LED - INFILED



INFILED DB - 2.3 MM

Designed with ultra-black masking and black LEDs to deliver exceptional contrast.

- Processor: Novastar
- Dimensions: 500x500
- Fast locking system for rapid construction
- High refresh rate, grey scale, and contrast
- Convex & concave curving

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INFILED X-SERIES FLEX - 2.9MM

Flexible design ideal for creative and curved installations.

- Processor: Novastar
- Dimensions: 500x500
- Two-way curvable LED panel
- Angle adjustment is easy and fast
- Bend angle can reach up to 20° with 5 incremental levels
- Patented one-action locking mechanism with positioning pins
- Magnetic connection from panel-to-panel

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INFILED FLOOR SERIES - 5.9MM

Floor solution with high load-bearing capacity.

- Processor: Novastar
- Dimensions: 500x500
- Super fast and easy leveling and alignment
- High contrast, anti-reflective and anti-slip surface for uniform blacks at wide viewing angles
- Integrated motion sensors can respond to onscreen movement

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INDOOR LED - RECIENCE

Compatible with BeMatrix and Aluvision Frames



RECIENCE - 1.5MM

Built for close-up viewing, the 1.5mm pixel pitch delivers sharp detail and vibrant color.

- Processor: Novastar
- Dimensions: 496x496x55
- Compatible with BeMatrix and Aluvision Frames
- XGOB Technology - Less pixel loss
- Concave curving up to 10°

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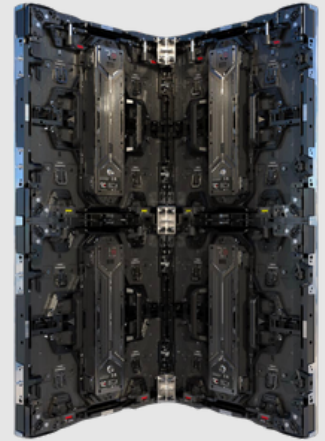


RECIENCE TRIANGLE - 1.5MM

Complement to the Recience 1.5mm standard tile for creative applications.

- Processor: Novastar
- Dimensions: 248x248
- Compatible with BeMatrix and Aluvision Frames

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RECIENCE CORNER - 1.5MM

Perfect for creative configurations and corner installations.

- Processor: Novastar
- Dimensions: 496x496x55mm
- Compatible with BeMatrix and Aluvision Frames
- 90-Degree seamless corners

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INDOOR LED - ALUVISION

Compatible with BeMatrix and Aluvision Frames



ALUVISION MODULAR - 2.5MM

Compatible with Aluvision and BeMatrix frames.

- Processor: Novastar
- Dimensions: 496x496
- Quick, easy & tool-less installation
- Modular building system

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ALUVISION MODULAR ROUNDED CORNER - 2.5MM

Compatible with Aluvision and BeMatrix frames.

- Processor: Novastar
- Dimensions: 774x 496x55
- Modular building system
- 90-Degree Curve

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OUTDOOR LED

Outdoor LED displays built for concerts, festivals, and events, designed to withstand the elements.

OUTDOOR LED - ROE



ROE V4ST - 4.6MM

High-resolution outdoor LED with built-in foldable wind bracing for added stability.

- Processor: Brompton
- Dimensions: 1000x1000
- Concave and Convex 10°
- Brightness: 5000 nits

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ROE CB5 & MKII - 5.7MM

Lightweight touring panel designed for fast builds and large-scale LED walls.

- Processor: Brompton
- Dimensions: 600x600 & 600x1200
- Ultra-lightweight carbon
- Touring frame for mixed and heavy use
- Indoor/Outdoor versatility
- Convex or concave curve options
- Half panel option
- Options: Touring Carts, Air Frames, or T4 Frames

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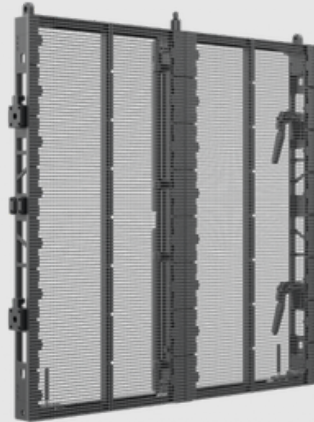
ROE CB8 - 8.3MM

High brightness, weather resistance, and a lightweight travel frame for quick assembly.

- Processor: Brompton / Evision
- Dimensions: 600x600 & 600x1200
- Blowthrough design for added creativity
- Touring frame for mixed and heavy use
- Indoor/Outdoor versatility
- Convex/concave curve options
- Half panel option
- Options: Touring Cart, Air Frames, T4 - Touring

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OUTDOOR LED - ROE



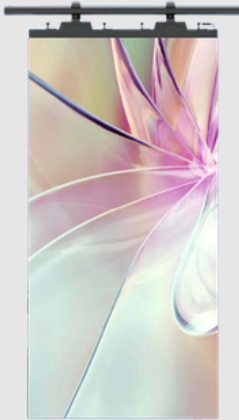
ROE V8T - 8.9MM

Outstanding outdoor touring solution in a GOB transparent panel design.

- Processor: Brompton
- Dimensions: 1000x1000
- 50% Transparency
- 10° convex/concave curve
- Brightness: 4000 nits

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OUTDOOR LED - INFILED



INFILED ORAR MK2 TURBO - 2.9MM

These LED video tiles are IP65 rated making them suitable for indoor and outdoor applications.

- Processor: Brompton
- Dimensions: 500x500 & 500x1000
- High refresh rate $\geq 7680\text{Hz}$
- Lightweight structure
- Brightness: 4000 nits

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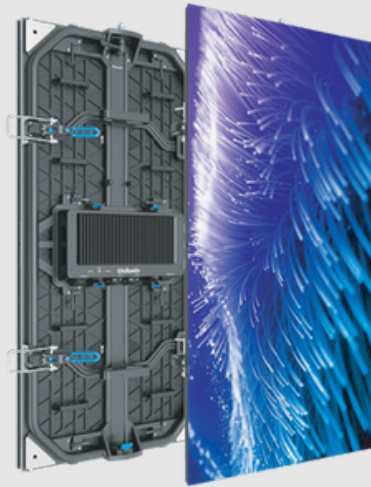
INFILED ORAR - 3.91MM

Versatile LED solution designed for both indoor and outdoor applications, delivering bright, clear visuals in any environment.

- Processor: Novastar
- Dimensions: 500x500 & 500x1000
- High refresh rate $\geq 7680\text{Hz}$
- Concave and convex installations
- Lightweight structure
- Mini LED technology

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OUTDOOR LED - UNILUMIN



UNILUMIN URM - 3.9MM

Dual-use LED panel designed for both indoor and outdoor applications.

- Processor: Novastar
- Dimensions: 500x500 & 500x1000
- Dual use LED tile for indoor & outdoor events
- 15° convex or concave curve
- Built in curve brackets

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OUTDOOR LED - ABSSEN



ABSSEN X5 - 5.2 MM

Built for high brightness and visibility in demanding outdoor conditions.

- Processor: Novastar
- Dimensions: 500×562.5×94mm
- Fully sealed weatherproof construction
- Easy to install and dismantle with smart adjustable locks
- Cross rental friendly with embedded auto-match calibration

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SPECIALTY LED

Discover our specialty LED collection, including flexible displays and specialty solutions designed for custom builds and creative applications.

SPECIALTY LED

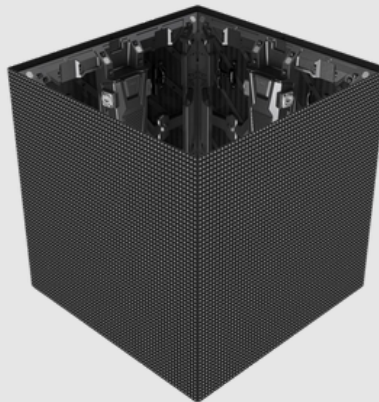


UNILUMIN UPAD III - CORNER

Creates seamless 90° corners for a clean, continuous LED look.

- Processor: Novastar
- Dimensions: 500x500, 1000x500 when assembled
- Strong anti-scratch surface
- Quick, easy, and creative setup
- 140° angle view for optimal use from close and afar

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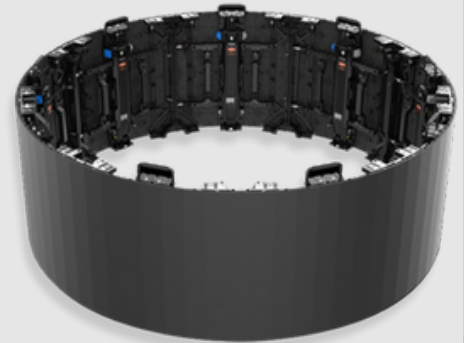


UNILUMIN UPAD IV-C

Perfect for LED corners and cubes.

- Processor: Novastar
- Dimensions: 500x500
- Lightweight, easy handling
- Brilliant Visual Performance
- Multiple scenarios, creative display

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UNILUMIN UPAD IV-S

Uses flexible modules and an adjustable frame design to achieve natural and soft curves.

- Processor: Novastar
- Dimensions: 500x500x80
- Compatible Splicing Solution
- 9 angle adjustment gears for a single cabinet with $\pm 40^\circ$ curve range
- Ultra HD Display Effect Cabinet Curve Range Adjustment ABS Technology

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SPECIALTY LED

Compatible with BeMatrix and Aluvision Frames



RECIENCE - 1.5MM

Built for close-up viewing, the 1.5mm pixel pitch delivers sharp detail and vibrant color.

- Processor: Novastar
- Compatible with BeMatrix and Aluvision Frames
- XGOB Technology – Less pixel loss during installation/dismantle
- 90-Degree seamless corners
- Concave curving up to 10°

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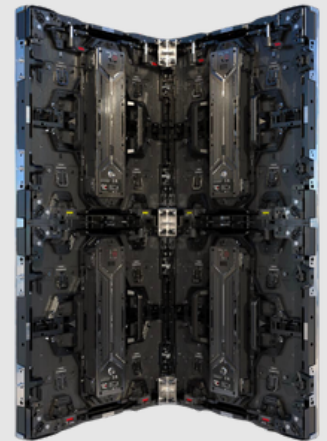


RECIENCE TRIANGLE - 1.5MM

Complement to the Recience 1.5mm standard tile for creative applications.

- Processor: Novastar
- Dimensions: 248x248
- Compatible with BeMatrix and Aluvision Frames

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RECIENCE CORNER - 1.5MM

Perfect for creative configurations and corner installations.

- Processor: Novastar
- Dimensions: 496x496x55mm
- Compatible with BeMatrix and Aluvision Frames
- 90-Degree seamless corners

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SPECIALTY LED

Compatible with BeMatrix and Aluvision Frames



ALUVISION MODULAR - 2.5MM

Compatible with Aluvision and BeMatrix frames.

- Processor: Novastar
- Dimensions: 496x496
- Quick, easy & tool-less installation
- Modular building system

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ALUVISION MODULAR ROUNDED CORNER - 2.5MM

Compatible with Aluvision and BeMatrix frames.

- Processor: Novastar
- Dimensions: 774x 496x55
- Modular building system
- 90 Degree Curve

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SPECIALTY LED

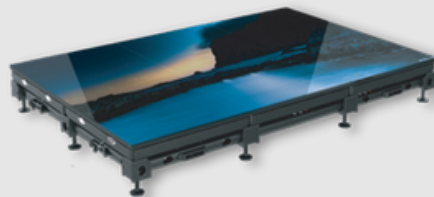


INFILED X-SERIES FLEX - 2.9MM

Flexible design ideal for creative and curved installations.

- Processor: Novastar
- Dimensions: 500x500
- Two-way curvable LED panel
- Angle adjustment is easy and fast
- Bend angle can reach up to 20° with 5 incremental levels
- Patented one-action locking mechanism with positioning pins
- Magnetic connection from panel-to-panel

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ROE BM FLOOR - 4.7MM

High-resolution LED floor panel designed for rental use in TV studios, broadcast applications, exhibitions and events

- Processor: Brompton
- Dimensions: 609.6x609.6x130
- Indoor/Outdoor use
- Top access for easy module maintenance

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ROE BM FLOOR TRIANGLE - 4.7mm

BM4 triangle tiles are ideal for curved layouts, circular floors, and custom designs.

- Processor: Brompton
- Seamless integration with standard BM4 tiles
- Indoor/Outdoor use
- Top access for easy module maintenance

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LED CALCULATOR

Check out the Matrix Visual LED Calculator, your go-to tool for estimating setup specifications and installation planning.

LED CALCULATOR

LED SCREEN CALCULATOR

Determine your installation configuration below

INPUT

1 PRODUCT

SELECT CATEGORY

SELECT PRODUCT

2 UNITS

FEET

METERS

TILES

3 DIMENSIONS

WIDTH: 15ft

OVERRIDE

HEIGHT: 15ft

OVERRIDE

The Matrix Visual LED Calculator lets you quickly estimate screen size, tile counts, and layout so you can plan your build with confidence.

GO TO CALCULATOR >