

2025 Edition



PRODUCT CATALOG

Indoor, Outdoor, and Specialty LED Panels



CONTENT

Welcome to the Matrix Visual Solutions Product Catalog. Discover our curated selection of premium LED visual displays, designed to enhance your events and create unforgettable experiences.



LOCATIONS 03

With key locations in major regions, we’re committed to delivering exceptional service, innovative solutions, and seamless support. Wherever you are, we bring your vision to life.



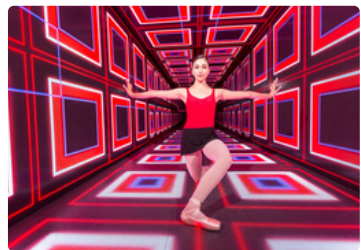
INDOOR LED 05

Immerse yourself in a world of brilliant displays with Matrix Visual's Indoor LED solutions. Our advanced LED technology transforms interiors into canvases for stunning visuals, compelling messaging, and memorable experiences.



OUTDOOR LED 13

Transform outdoor spaces with our Outdoor LED Collection. Designed for concerts, festivals, advertising, and events, our durable LED screens deliver vibrant visuals while withstanding weather elements.



SPECIALTY LED 18

Discover our Specialty LED Collection, featuring innovative solutions tailored to your unique visual needs. From flexible displays to corner tiles, these dynamic LED solutions unlock endless possibilities for creative displays.



LED CALCULATOR 22

Check out the Matrix Visual LED Calculator—your ultimate tool for precise LED installation planning. This innovative resource enables accurate estimation of setup specifications, ensuring seamless installations.



MATRIX

1050



LOCATIONS

With key locations in major regions, we're committed to delivering exceptional service, innovative solutions, and seamless support. Wherever you are, we bring your vision to life.

LOCATIONS



ORANGE COUNTY - THE CALIFORNIA COAST

With over 25,000 square feet of warehouse space, our main Fullerton office is ideally situated to serve Orange County, Los Angeles, San Francisco, and the San Diego area. The facility features a state-of-the-art LED repair department, a quality control station, and a purpose-built showroom for testing and showcasing the latest LED technology.

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



NASHVILLE - MUSIC CITY

Our state-of-the-art facility spans 21,000 square feet, featuring a 30-foot ceiling and four loading docks. Conveniently located just 10 minutes from Nashville Airport, our Nashville office is perfectly positioned to support one of the most vibrant regions in the entertainment industry while also serving as a strategic hub for the Central and East Coast.

📍 2737 Couchville Pike Nashville, TN 37217
☎️ (714) 363-9473



LAS VEGAS - NEON CITY

We're proud to have established our presence in Las Vegas. Las Vegas's vibrant entertainment industry makes it an ideal location for Matrix Visual. Our close proximity to the Las Vegas Strip enables us to efficiently service events across the area.

📍 4670 W Silverado Ranch Blvd Suite 110, Las Vegas, NV 89141
☎️ (888) 862-8749

FUTURE LOCATIONS

As we grow, we continually seek opportunities to expand into new locations. We evaluate each site based on market demand, accessibility, and operational feasibility. Our goal is to select locations that not only meet our business needs but also provide value to our customers and the community. We are committed to maintaining transparency and open communication with our clients throughout this process and welcome any feedback or suggestions they may have. Our priority is to ensure that our future locations align with our mission and values while delivering exceptional products and services to our customers.



INDOOR LED

Immerse yourself in a world of brilliant displays with Matrix Visual's Indoor LED solutions. Our advanced LED technology transforms interiors into canvases for stunning visuals, compelling messaging, and memorable experiences.

INDOOR LED - ROE



ROE GRAPHITE - 2.6MM

Graphite allows for large indoor LED walls with minimal added weight.

- Processor: Brompton
- Dimensions: 500 x 500 & 500 x 1000
- Extremely light weight.
- Perfect for large walls, ceiling, or even raked angles.
- Light weight, curvable, easy maintenance, high brightness

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ROE BLACK PEARL - 2.8MM

With its high frame rate, high refresh rate and low scan lines Black Pearl is perfect for studio or broadcast work.

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

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ROE CB3 - 3.7MM

Build large LED walls quickly and safely with this lightweight solution, making it the perfect tile for concerts and trade shows.

- 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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INDOOR LED - ROE

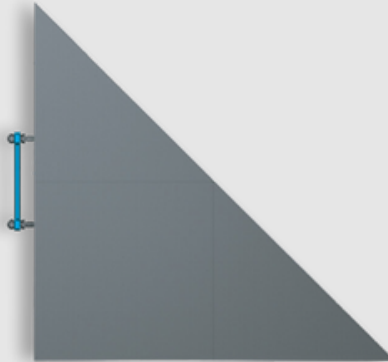


ROE BLACK PEARL - 3.9MM

With a small pixel pitch and exceptional visual quality, these tiles are perfect for indoor applications.

- Processor: Evision
- Dimensions: 500x500
- Tile frames made of magnesium alloy
- Maintenance is a breeze with a push-out module and identical design to the Black Onyx

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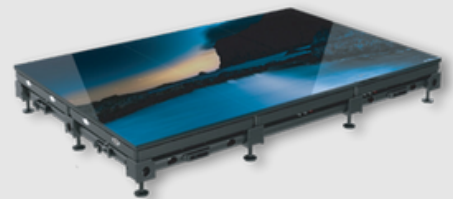


ROE BLACK PEARL TRIANGLE - 3.9

The unique shape of these tiles opens up endless creative possibilities when paired with ROE Black Pearl tiles.

- Processor: Evision
- Dimensions: 500x500 / 707.1 Diagonal
- Each module within a panel stores calibration and operating parameters
- Available for all applications (Left, Right, Top, Bottom)

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ROE BM FLOOR - 4.7MM

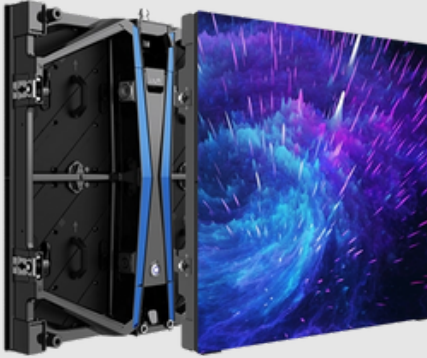
A premium floor panel designed to elevate any event, making it ideal for concerts, TV studios, and trade shows.

- 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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INDOOR LED - UNILUMIN

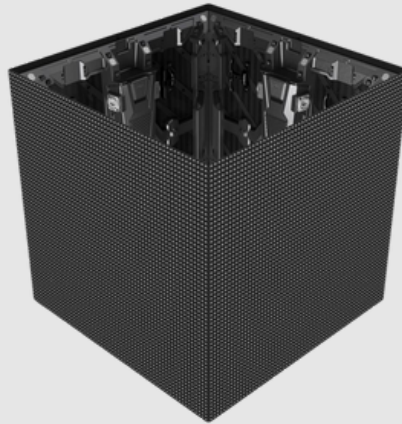


UNILUMIN UPAD IV - 2.6MM

Upad IV brings the newest technology in a lightweight, high-precision panel, demonstrating brilliant visual performance from Novastar's processing.

- 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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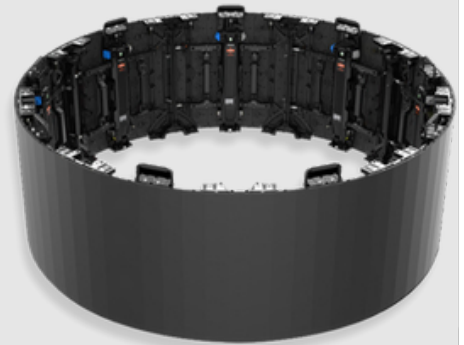


UNILUMIN UPAD IV-C

With an ultra-slim design and high pixel density, this solution delivers stunning visuals and seamless integration for a range of indoor applications.

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

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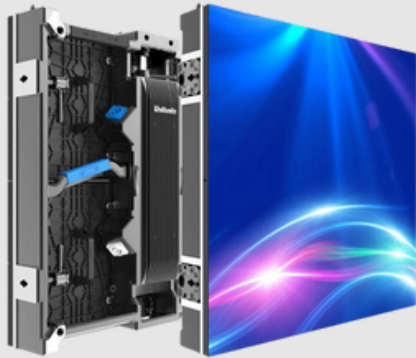
UNILUMIN UPAD IV-S

The Unilumin UPAD IV-S features a versatile curvable unit that can be used to create tight curves and unique arrangements.

- Processor: Novastar
- Dimensions: 500 mm x 500 mm x 80 mm
- 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

A balance of high resolution and durability. Available as a single tile or as an LED corner package.

- Processor: Novastar
- Dimensions: 500 x 500
- 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

Unilumin UPAD III Corner - 2.6mm is an innovative corner and edge LED solution.

- 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

DB Series elevates fine pixel pitch and exclusive contrast technology.

- 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

Lightweight, flexible design and high-resolution display, making it 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

INFILED's Floor Series offers high-res LED solutions for interactive floors, immersive displays, TV studios, & trade shows.

- 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

With a low pixel pitch of 1.5mm, this tile is perfect for close-up viewing, delivering crisp, detailed images and vibrant colors.

- 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-degree

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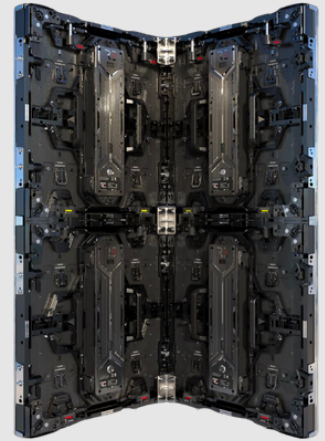


RECIENCE TRIANGLE - 1.5MM

The triangular shape offers endless possibilities for creative designs, making it a perfect complement to the Recience 1.5mm standard tile.

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

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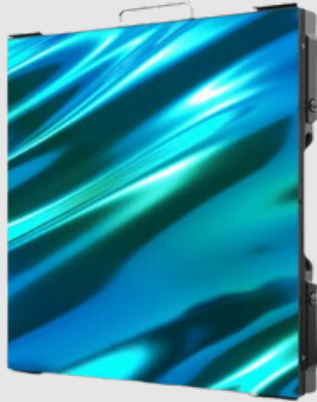
RECIENCE CORNER - 1.5MM

This innovative corner shape is perfect for creative configurations, corner installations, and tailored projects.

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

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INDOOR LED - AOTO



AOTO RM - 1.5MM

The RM series has a simple structure, lightweight cabinet for fast assembly, and high reliability.

- Processor: Brompton
- Dimensions: 500x500
- High refresh rate $\geq 7680\text{Hz}$
- Concave and convex installations
- Lightweight Structure
- Mini LED Technology
- Due to the use of IMD packaging technology, the products are extremely stable and reliable.

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AOTO CLDRS MINI - 1.5MM

These LED tiles offer incredibly detailed and sharp imagery, perfect for a range of indoor activities.

- Processor: Brompton
- Dimensions: 600 x 337.5
- 170° viewing angle makes it perfect for tradeshow activations
- Mini LED pods are more resistant than standard SMD's
- Ultra high contrast offers near perfect visual quality

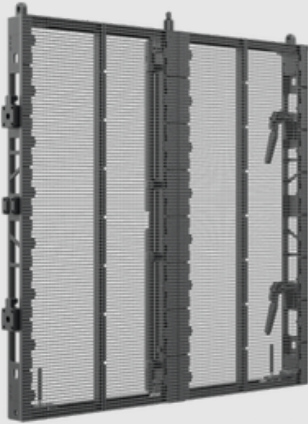
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OUTDOOR LED

Transform outdoor spaces with our Outdoor LED Collection. Designed for concerts, festivals, advertising, and events, our durable LED tiles deliver vibrant visuals while withstanding weather elements.

OUTDOOR LED - ROE



ROE V8T - 8.9MM

Make your outdoor event stand out with this curvable and transparent panel.

- Processor: Brompton
- Dimensions 1000x100
- 50% Transparency
- 10 degree convex/concave curve
- Brightness: 4000 nits

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ROE CB5 - 5.7MM

Quickly build large LED walls with this lightweight design, perfect for concerts and touring.

- 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

Take touring to the next level with incredible brightness, and blowthrough creative options.

- Processor: Evision / Brompton
- 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 - ABSSEN

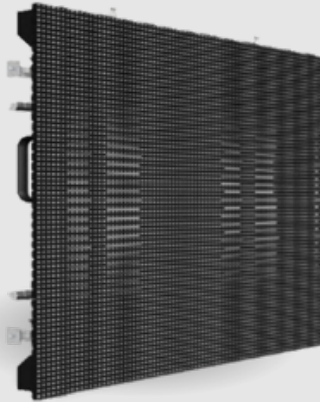


ABSSEN X5 - 5.2 MM

Featuring a 5mm pixel pitch, designed for exceptional brightness and visibility in various weather conditions.

- Processor: Novastar
- Dimensions: 562.5×562.5
- 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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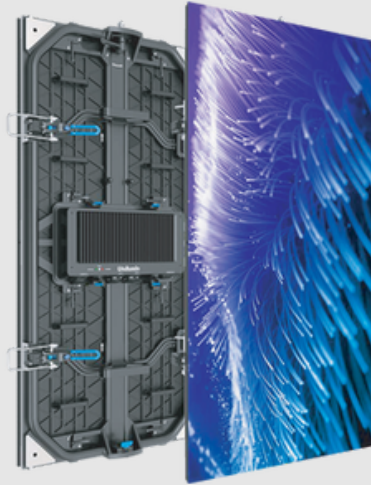
ABSSEN C7 - 7.5MM

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

- Processor: Novastar
- Dimensions: 600x600
- Easy to install and dismantle
- Slim and lightweight
- Same cabinet size with different pixel pitches can be assembled together seamlessly

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OUTDOOR LED - UNILUMIN



UNILUMIN URM - 3.9MM

Great for outdoor events, this high-resolution display offers exceptional detail, clarity, and a wide viewing angle.

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

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OUTDOOR LED - INFILED



INFILED ORAR - 3.91MM

Featuring excellent brightness, color accuracy, and a rugged build that ensures durability in various weather conditions.

- Processor: Novastar
- Dimensions: 500x500 & 500x1000
- High refresh rate $\geq 7680\text{Hz}$
- Concave and convex installations
- Lightweight structure
- Mini LED technology
- Due to the use of IMD packaging technology, the products are extremely stable and reliable.

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SPECIALTY LED

Discover our Specialty LED Collection, featuring innovative solutions tailored to your unique visual needs. From flexible displays to corner tiles, these dynamic LED solutions unlock endless possibilities for creative displays.

SPECIALTY LED

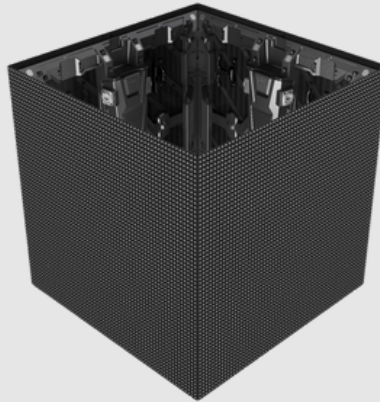


UNILUMIN UPAD III - CORNER

Unilumin UPAD III Corner - 2.6mm is an innovative corner and edge LED solution for dynamic displays.

- 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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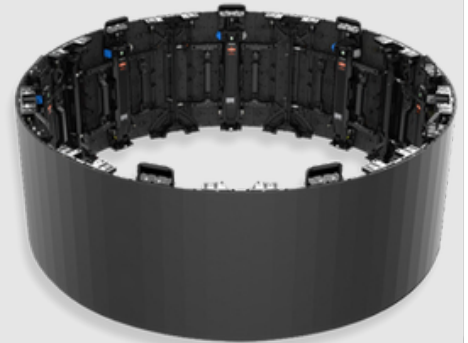


UNILUMIN UPAD IV-C

Featuring an ultra-slim design and high pixel density, delivering stunning visuals and seamless integration for a variety of indoor applications.

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

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UNILUMIN UPAD IV-S

The Unilumin UPAD IV-S features a versatile curvable unit that can be used to create tight curves and unique arrangements.

- Processor: Novastar
- Dimensions: 500 mm x 500 mm x 80 mm
- 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

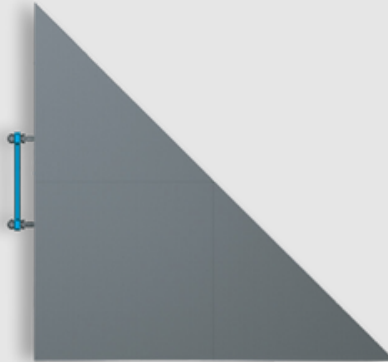


INFILED X-SERIES FLEX - 2.9MM

The X-Series Flex offers versatile LED solutions for dynamic visual experiences.

- 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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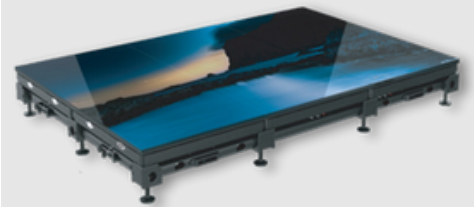


ROE BLACK PEARL - 3.89MM TRIANGLE

Featuring a unique shape that enhances creative staging possibilities, these tiles enable innovative designs when paired with ROE BP tiles.

- Processor: Evision
- Dimensions: 500x500 / 707.1 Diagonal
- Each module within a panel stores calibration and operating parameters
- Available for all applications (Left, Right, Top, Bottom)

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ROE BM FLOOR - 4.7MM

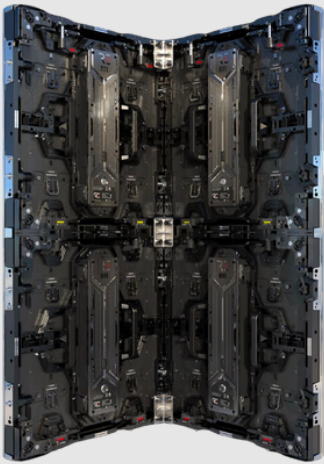
This high-end floor panel brings creativity to the greatest concerts, TV studios, & trade shows.

- 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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SPECIALTY LED

Compatible with BeMatrix and Aluvision Frames



RECIENCE CORNER - 1.5MM

This innovative corner shape is perfect for creative configurations, corner installations, and tailored projects.

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

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RECIENCE TRIANGLE - 1.5MM

The triangular shape offers endless possibilities for creative designs, making it a perfect complement to the Recience 1.5mm standard tile.

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

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ALUVISION MODULAR - 2.5MM

The perfect eye-catcher at any indoor or outdoor event. Their modularity makes them perfectly compatible with the Aluvision and BeMatrix frames.

- Processor: Novastar
- Dimensions: 496X496
- Quick, easy & tool-less installation
- Endless possibilities of assembly, including concave mounting
- Perfect application for trade shows with its fully modular building system

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LED CALCULATOR

Check out the Matrix Visual LED Calculator—your ultimate tool for precise LED installation planning. This innovative resource enables accurate estimation of setup specifications, ensuring seamless installations.

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

Introducing the Matrix Visual LED Calculator - your go-to tool for precision in LED installation planning. With this resource, potential clients can determine their installation configuration estimate, ensuring a seamless and flawless LED display setup. Say goodbye to guesswork and hello to precision with the Matrix Visual LED Calculator.

GO TO CALCULATOR >