

ALUVISION™
MODULAR EXHIBIT CONCEPTS



Hi-LED 55



Supreme image quality



Unique dimensions



Advanced all-in-one design

Aluvision: A-class modular exhibit solutions

Aluvision is a leading developer, manufacturer and global distributor of innovative exhibit solutions. Ever since the introduction of the original Aluvision frame system, our trendsetting product developments have continuously defined the exhibit industry. Our wide product range offers solutions for modular panel/fabric walls, led lighting concepts, hanging structures, displays, etc. Innovation, durability and reusability are the key values behind every Aluvision product.

Founded in Belgium in 2003, Aluvision currently employs over 100 people and services more than 3,000 partners worldwide. The company has large production facilities and inspiring showrooms in Deinze, Belgium and Atlanta, GA, as well as a sales office and warehouse in Sydney, Australia.

Create a powerful visual experience

Boost your presence! With Aluvision's integrated led video walls, an extra dimension has been added to the renowned, original Aluvision frame system. The Hi-LED 55 is the thinnest tile that can be incorporated into a modular building system. Its unique dimensions of 19.53" x 19.53" x 2.17" (496 x 496 x 55 mm) allow a seamless integration of led screens into the modular constructions. The combination of the Hi-LED 55 and the Aluvision frames offers a lightweight, sleek, easy-to-install, yet very solid end result. Enjoy a brilliant visual experience guaranteed by the 2.5 and 2.8 pixel pitch, CrystalView technology and premium level flatness.

Why choose Hi-LED 55?

- ✓ The thinnest led tile available for seamless integration in a modular system
- ✓ Supreme image quality
- ✓ Quick, easy and toolless installation
- ✓ Full front & rear maintenance (both led panel and power box)
- ✓ Endless possibilities for assembly, including concave mounting
- ✓ Straight & curved led tiles
- ✓ Wall, ceiling & floor
- ✓ Specially developed flight cases for secure transportation



UNIQUE DIMENSIONS



SUPREME IMAGE QUALITY

19.53" (496 mm)

19.53" (496 mm)

2.17" (55 mm)



Pixel pitch:
2.5 or 2.8 mm

This P2-series led tile with premium level flatness and CrystalView technology provides outstanding image quality. The patented, matte black click mask and black face leds guarantee optimal contrast, ensuring vivid, crisp images.



Pixel pitch:
2.5 or 2.8 mm

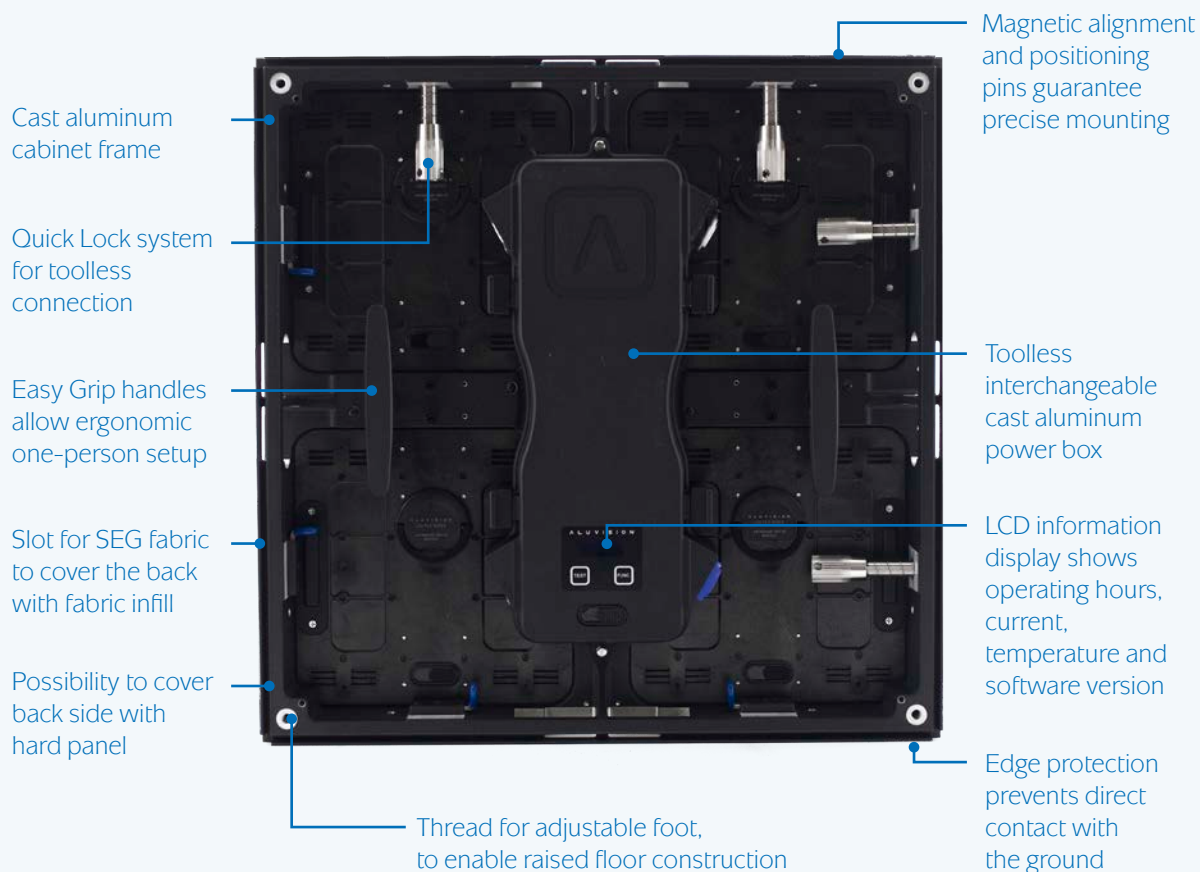


Removable matte
black, click mask

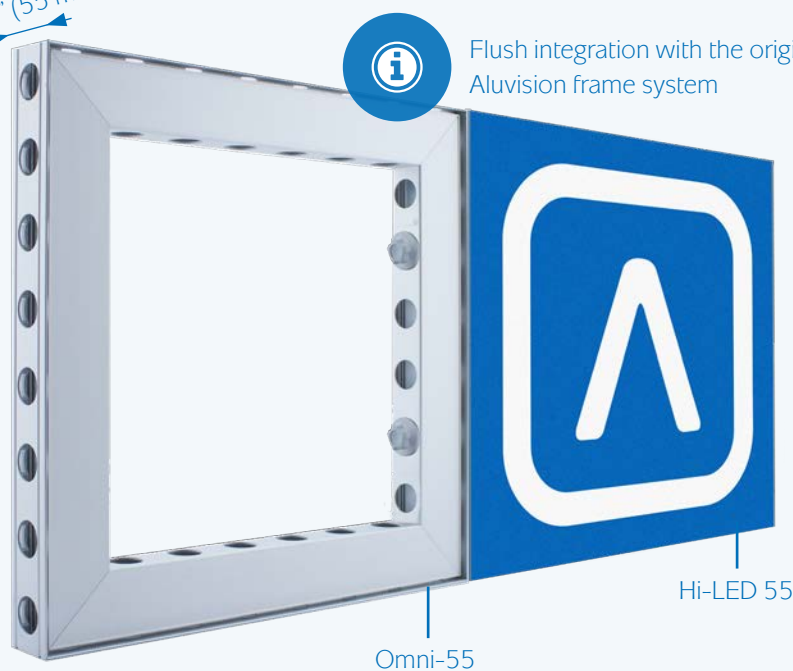
The thinnest
led tile available for
seamless integration
in a modular system



✓ ADVANCED ALL-IN-ONE DESIGN



2.17" (55 mm)

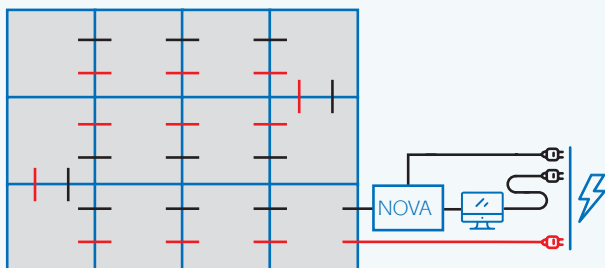




QUICK AND EASY INSTALLATION

- 1 Easy Grip handles allow ergonomic one-person setup
- 2 Magnetic alignment & positioning pins ensure precise mounting
- 3 Quick Lock system for toolless fixation
- 4 Effortless wiring with silicone rubber Super Flex power cable
- 5 Outdoor-ready power box

Hi-LED 55 chain



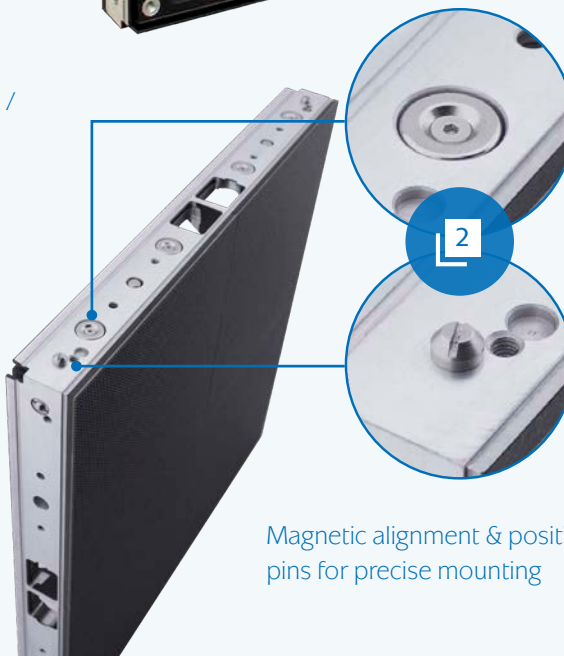
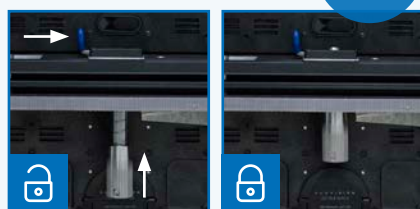
— signal/data

— power



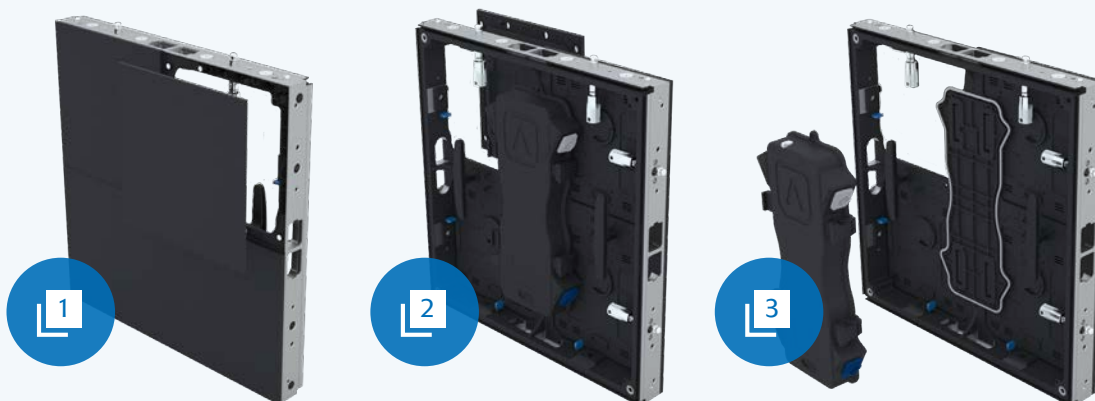
- Signal/data cable: connect up to 20 cabinets (2.8) / 17 cabinets (2.5) by using 1 cable
- Power cable: connect up to 9 cabinets (2.8) / 8 cabinets (2.5) by using 1 cable
- Both cables are outdoor-ready

Quick Lock system

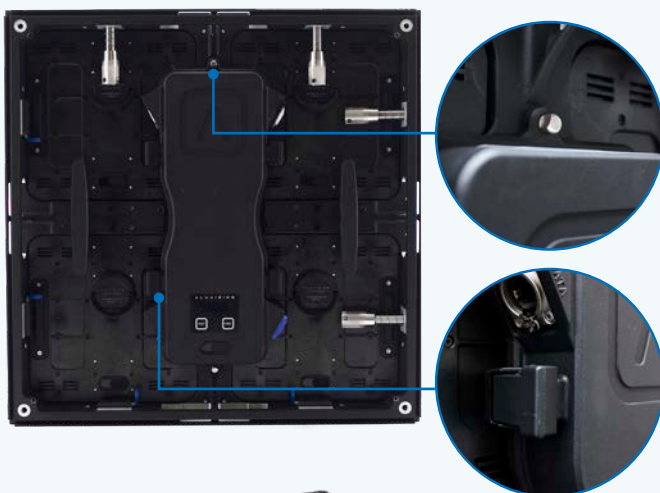


Magnetic alignment & positioning
pins for precise mounting

✓ FULL FRONT AND REAR MAINTENANCE



Front and rear access to interchangeable power box and led module



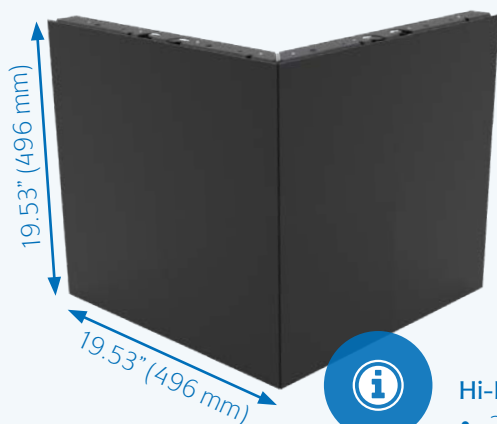
Positioning pins and toolless tighteners for quick and easy attachment of power box



Magnetic tool to replace led modules

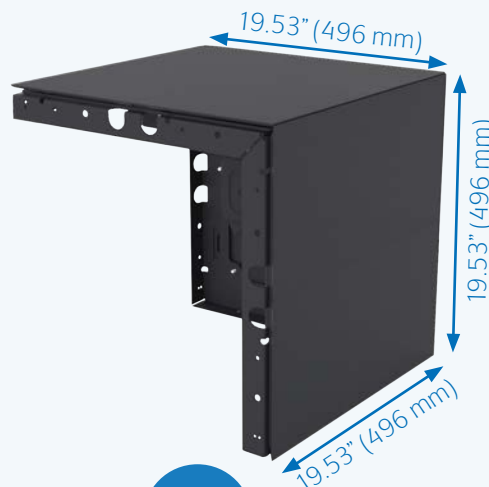


✓ CORNERS, CURVES AND CUBES



Hi-LED corner

- 2 sides closed
- Pitch 2.5 or 2.8
- Backside can be covered with both panel and fabric



Hi-LED 3D corner

- 3 sides closed
- Pitch 2.5 or 2.8



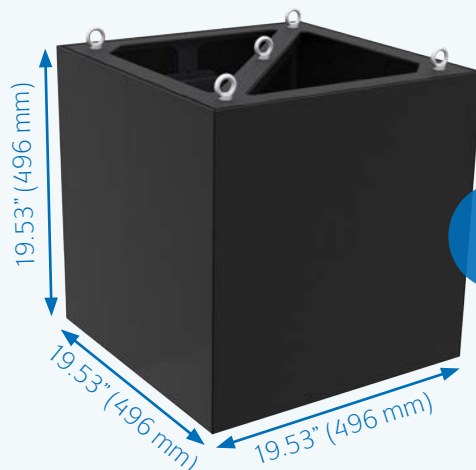
Hi-LED R1.4' convex

- 1/4 circle segment
- Pitch 2.5
- Matches a standard Omni-55 R1.4' frame
- Backside can be covered with both panel and fabric



Hi-LED R1.4' concave

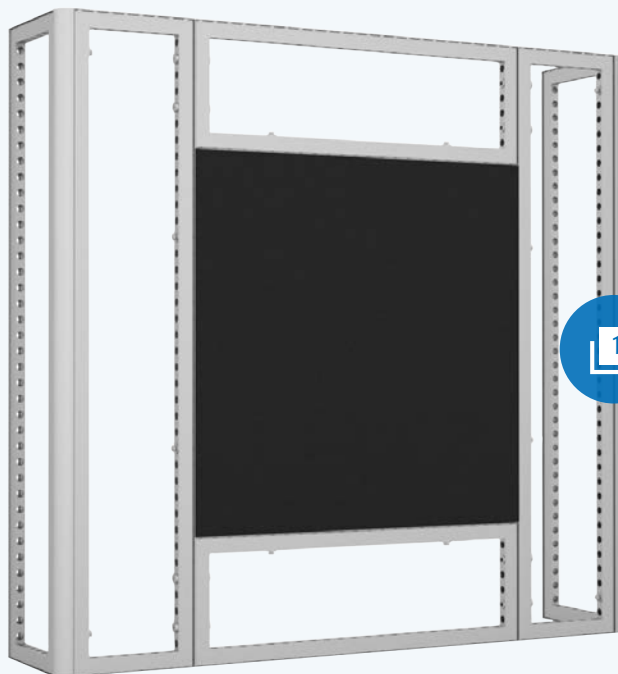
- 1/4 circle segment
- Pitch 2.5
- Matches a standard Omni-55 R1.4' frame
- Backside can be covered with both panel and fabric



Hi-LED cube

- 5 sides closed
- Pitch 2.5 or 2.8

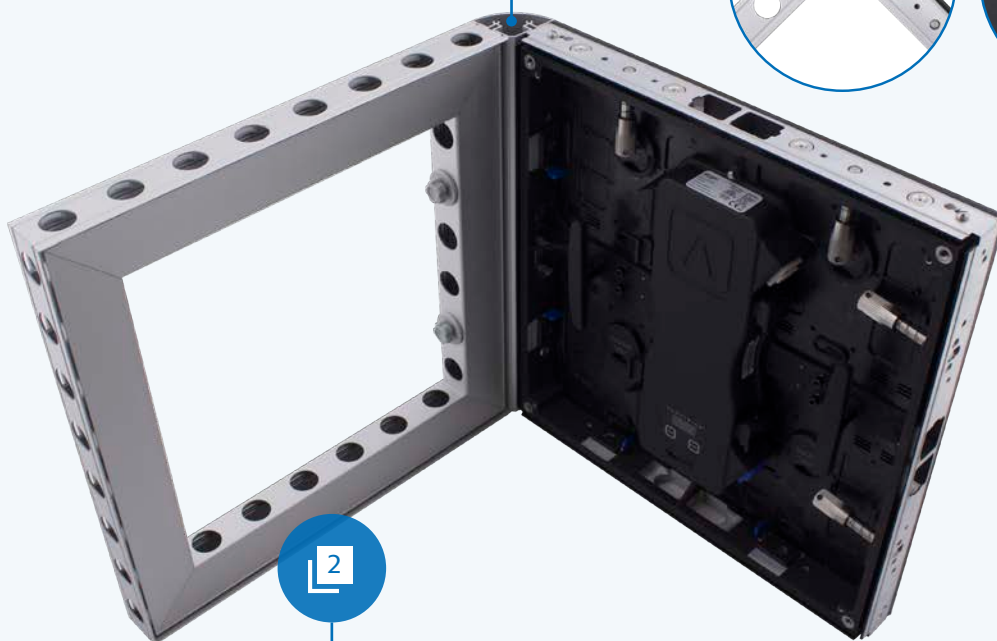
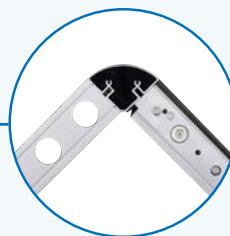
✓ ENDLESS OPTIONS FOR ASSEMBLY



1

In line

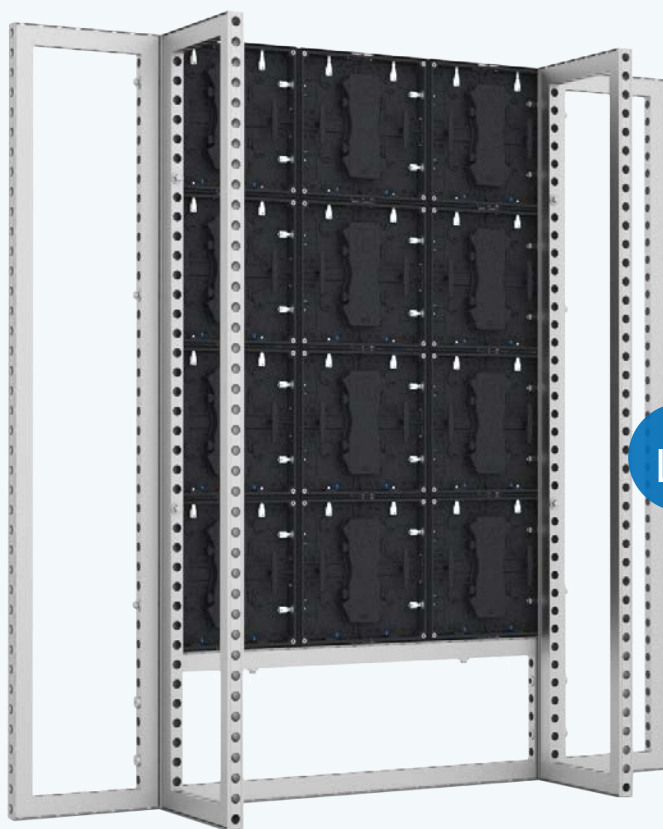
Flush integration of the video wall.
Fasten with standard
quick tighteners LS M6/D1.18"*3.15".



2

Corner

Compatible with all Aluvision corner profiles: C-corner, V-corner, Fabric corner, Multi corner, Triple corner, X-corner, 135° corner, 60° corner, 45° corner.
Fasten with standard quick tighteners M6*1.18".

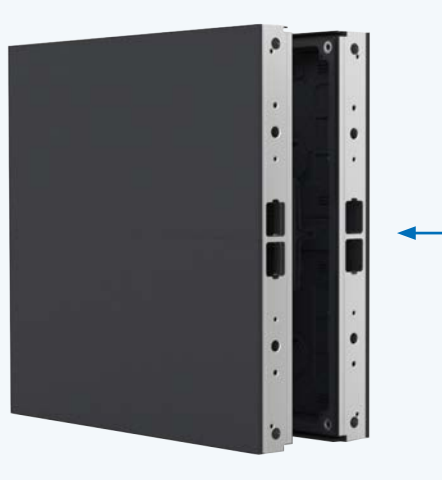


3

Rear support

Mount support frames in a 90° position to the back of the video wall.

Fasten with standard quick tighteners LS M6/ D1.18" * 3.15".



4

Back-to-back

Flawless finish with Omni-186 cover or Omni-248 cover.

Fasten with standard quick tighteners M6 * 1.18".



Curved

Use standard straight Hi-LED tiles in combination with color-coded wedges to create a concave wall.



5° = R 18.6'
White wedge



7.5° = R 12.4'
Grey wedge



10° = R 9.3'
Black wedge



6

Suspended

Rigging bar for suspended wall & signage constructions;
fixation with standard Quick Lock system.

↙ ↗ Standard lengths: 19.53", 39.05",
58.58" and 78.11"

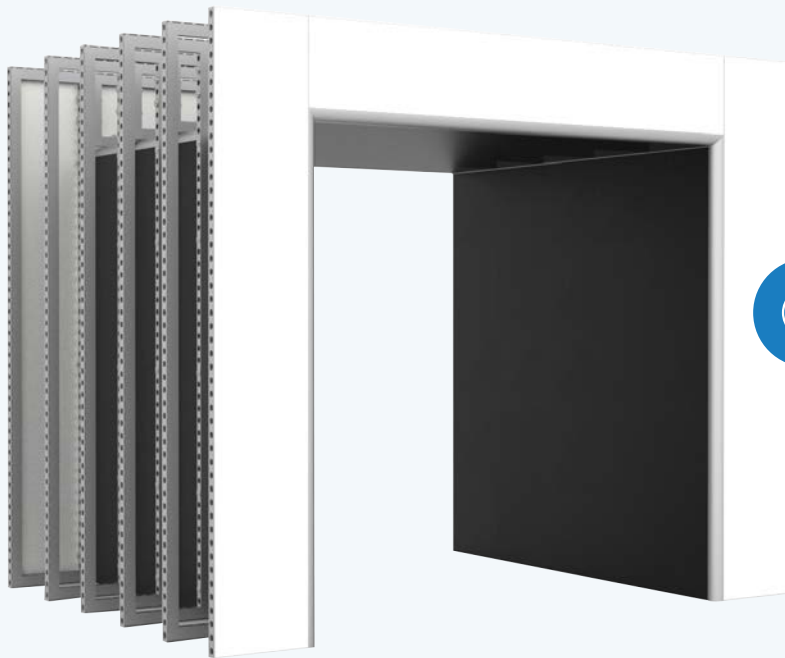


Magnetic connection for an easy
positioning onto the hanging beam

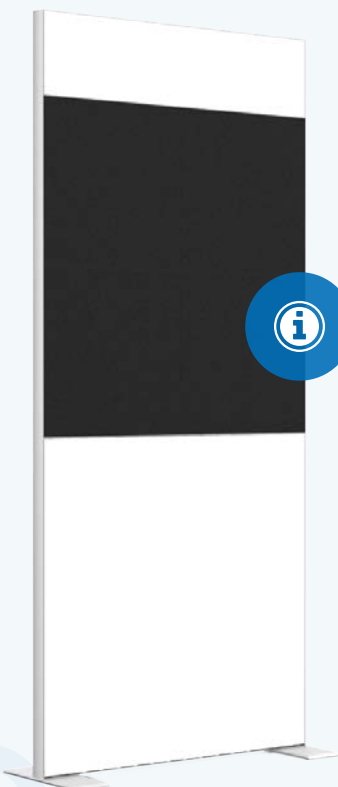


Hanging beam used
for ceiling constructions
(hanging + reinforcement)

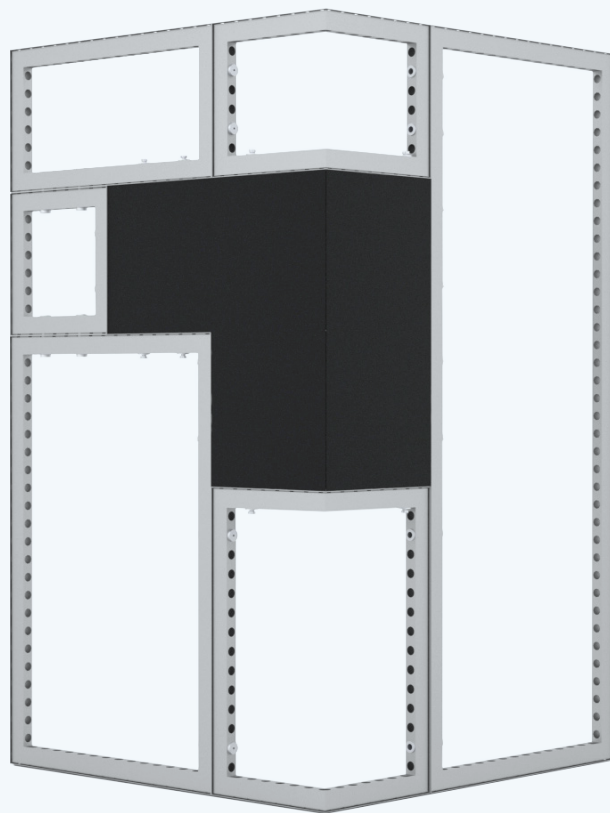
✓ ASSEMBLY OPTIONS EXAMPLES



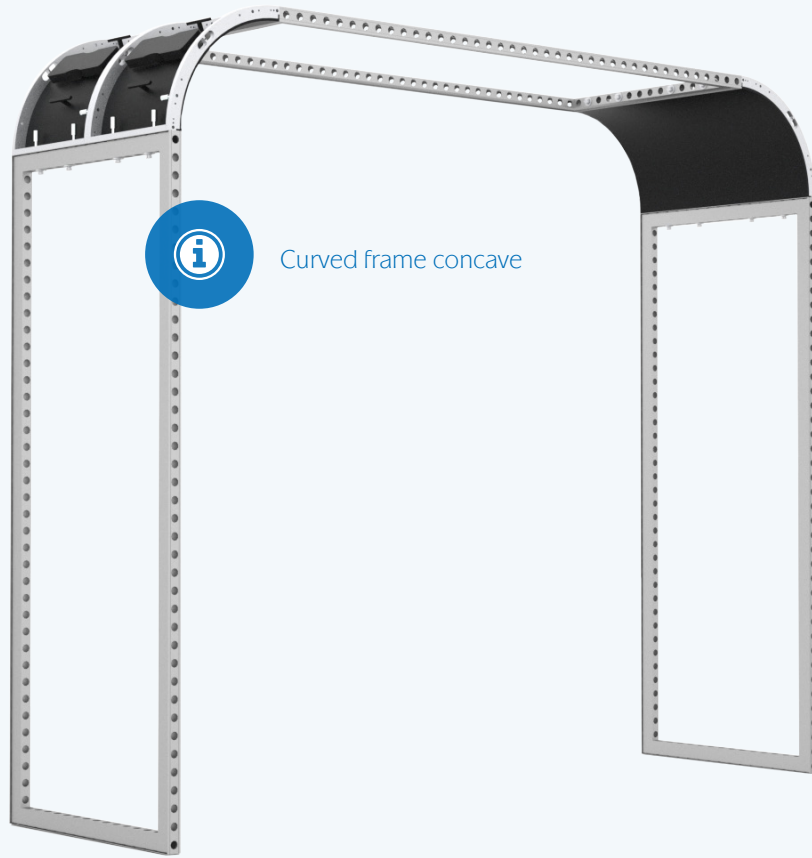
Tunnel configuration
walls & ceiling



Display
configuration



Hi-LED corner



Curved frame concave



Curved frame convex

Create convex or concave curved walls with the Hi-LED 55 tiles



Only for the 2.5 pixel pitch



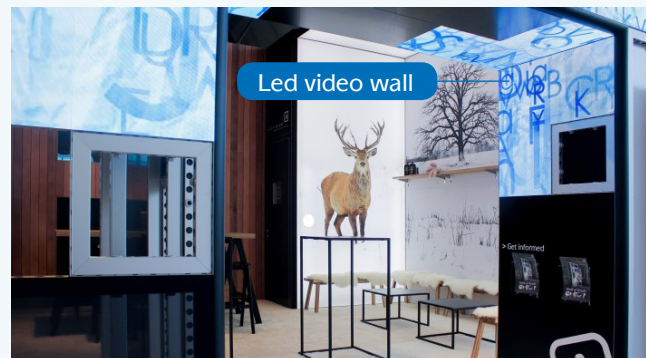
Hi-LED 55 REALIZATIONS



Led video curved wall



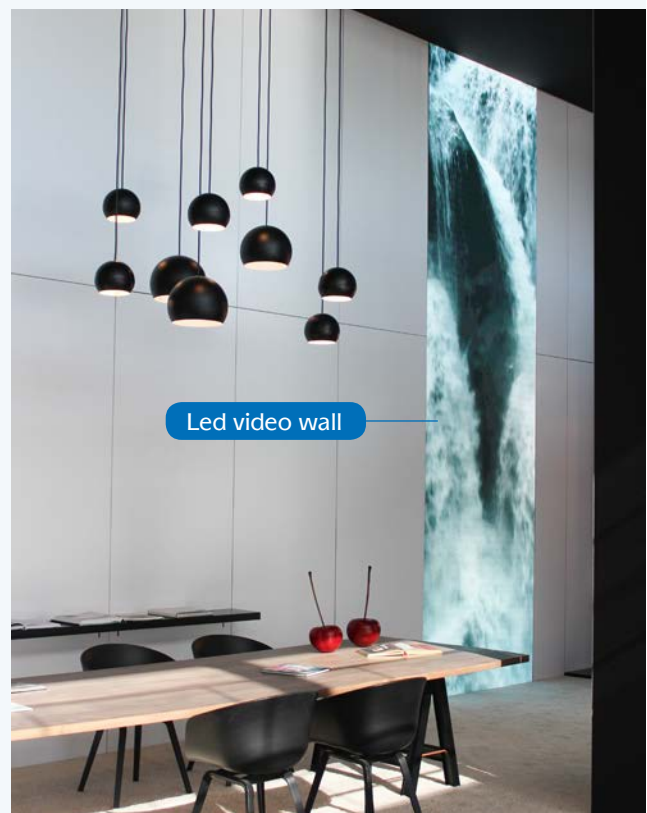
Led video curved wall



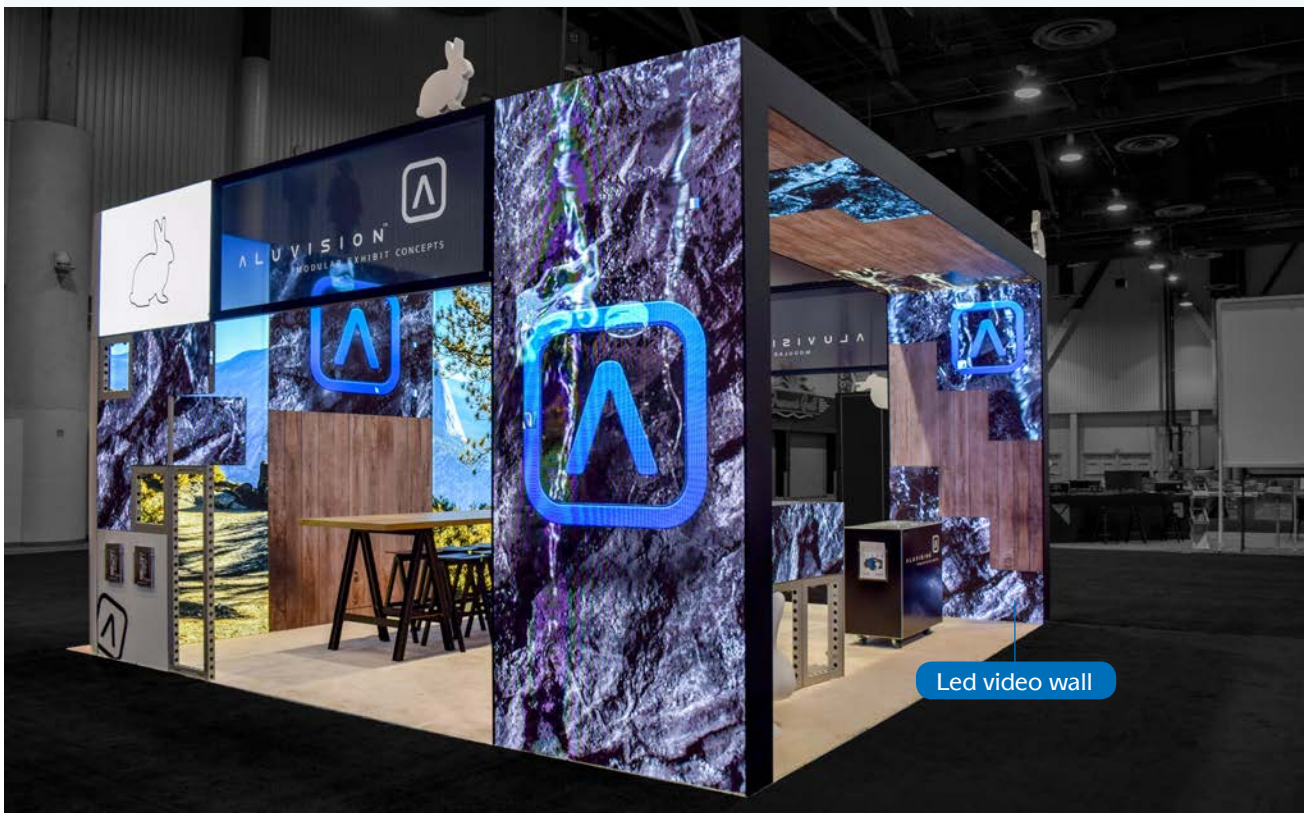
Led video wall



Led video wall



Led video wall



✓ DECORATIVE FINISHING OPTIONS



Omni-55 cover



curved

or



flat



Cover the back with
SEG fabric

Hi-LED 55 ACCESSORIES



9 tiles/cable max (2.8)
8 tiles/cable max (2.5)

Power cable
(Super Flex 32')



20 tiles/cable max (2.8)
17 tiles/cable max (2.5)

Signal cable
(65')



NOVA sending box
(300, 660 or 660 pro)



Interlink power cable
(Super Flex 39'')



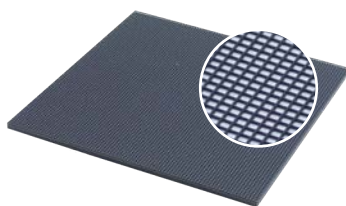
Interlink signal cable
(39'')



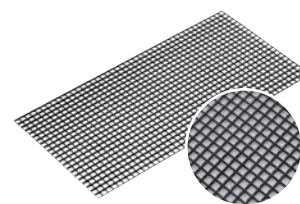
Power box



Magnetic tool



Led module
(9.76" x 9.76'')



Click mask
(2.44" x 4.88'')



Wedges
(5°, 7.5° or 10°)



Rigging bar
(19.53", 39.05", 58.58" or 78.11'')



Protective cover
(20.20" x 20.20" x 1.18'')

✓ SECURE TRANSPORTATION



Stackable flight case for 10 led tiles & accessories



Protective cover included with every led tile



Save space and effort with practical tipping wheels

↗ 47.05" x 23.04" x 30.12"
↖ (L x B x H)



Gross weight: 335.11 lb
Net weight: 123.46 lb



TECHNICAL SPECIFICATIONS



PIXEL PITCH

2.58 mm
2.82 mm



VIEWING ANGLE

140° / 120°
(H/V)



VIEWING DISTANCE

2.5: $\geq 8.20'$
2.8: $\geq 9.18'$



CABINET DIMENSIONS

19.53" x 19.53" x
2.17"



PIXEL DENSITY

2.5: 13,920 px/ft²
2.8: 11,697 px/ft²



MODULE RESOLUTION

2.5: 192 x 192 px
2.8: 176 x 176 px



CABINET WEIGHT

2.5: 21.66 lb
2.8: 19.45 lb



CERTIFICATION

CE/TUV/EMC/LVD/
RoHS/ETL/FCC



SENDING BOX (*)

Nova 300, 660,
660 pro



POWER BOX

2.5: Nova A8S
2.8: Nova A4S



REFRESH RATE

3840 Hz



OPERATING SYSTEM

Windows 2000/
XP/Vista/10



CONSUMPTION

2.5: 203 / 610 W/m²
2.8: 197 / 590 W/m²
(average / max)



CONTRAST RATIO

2.5: 7000:1
2.8: 5000:1



BRIGHTNESS

1000 nits



GRAYSCALE

14 Bit

(*) Max amount of tiles to be connected to one sending box: Nova 300 has 2 data ports and controls up to 40 tiles (2.8); 34 tiles (2.5). Nova 660 has 4 data ports, controls up to 74 tiles (2.8); 61 tiles (2.5) and allows easy adjustment of most basic functions. Nova 660 is advised for rental use.

CONTACT

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