DIGITAL SIGNAGE SOLUTIONS
CUBE & FLOOR™

Modular Cubic Display

- **Transform any space**
- **Digital branding, marketing and interior design**
- **Superior resolution and color performance**

VARIABLE CUBE DESIGNS JOIN, STACK OR HANG

- Individual cubes can join, stack or hang
- Video is able to play independently on every side
- 3 dimensional cube designs dazzle audiences with style

SUPERIOR COLOR PERFORMANCE

- High contrast ratio of over 4000 : 1
- High color fidelity
- Vivid image

OMNIDIRECTIONAL VIEWING ANGLE

- Extra wide horizontal and vertical viewing angles, producing exceptional picture quality in all directions
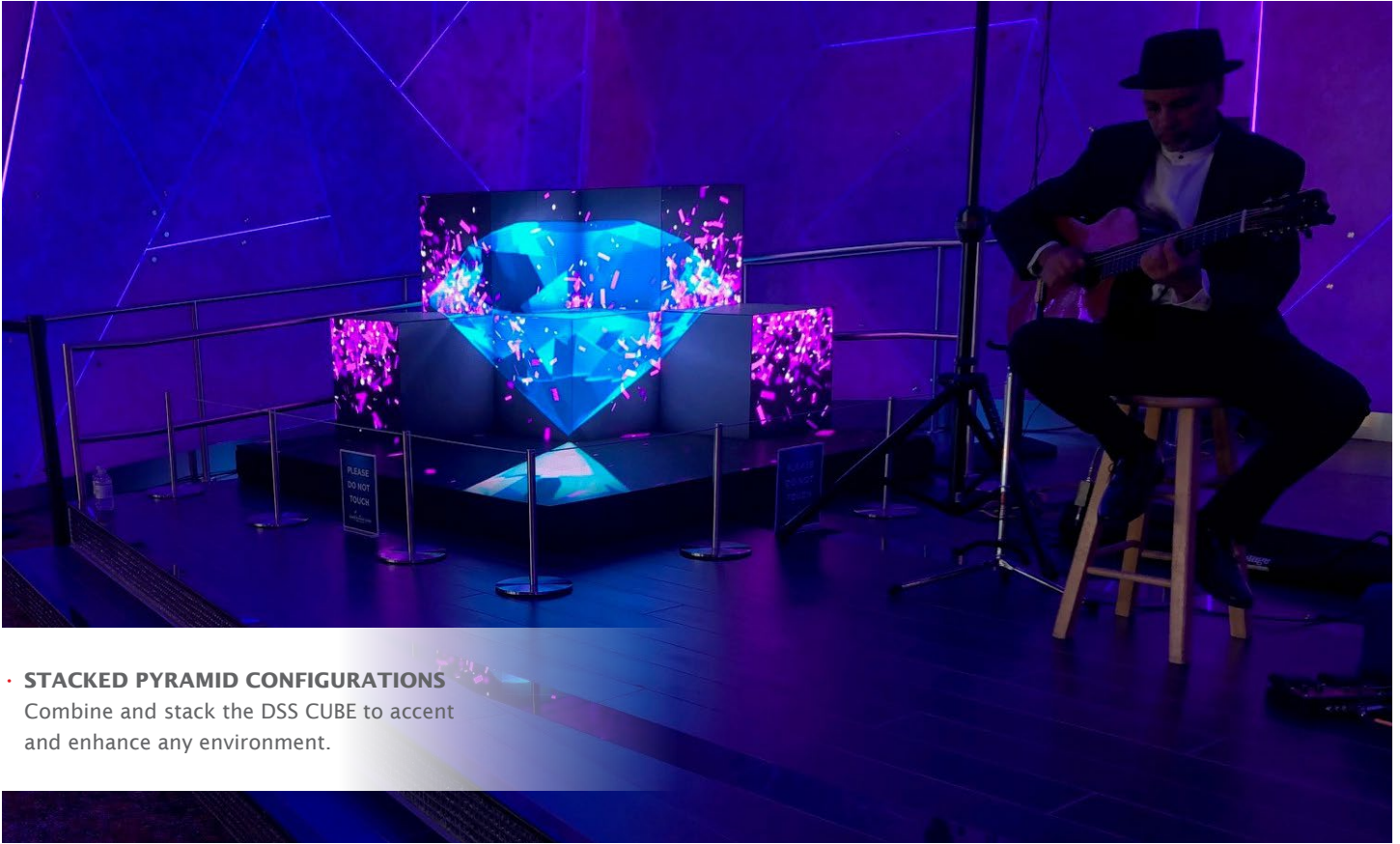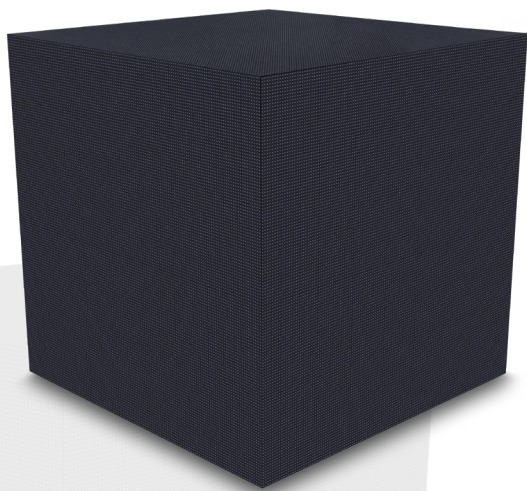

CREATE INTERESTING 3D SHAPES

- The flexible modular cubic design allows the cubes to be arranged and configured to produce interesting 3 dimensional shapes, such as a Great-Wall or a Roman Pillar Railing
- Simply build your 3D design and populate it with magnetic docking modules

EASY INSTALLATION, EASY MAINTENANCE AND QUIET

- Front serviceable, magnetic docking modules design allows easy maintenance
- Fanless design ensures its whisper-quiet operation

JCM GLOBAL®
DIGITAL SIGNAGE SOLUTIONS

· **STACKED PYRAMID CONFIGURATIONS**
Combine and stack the DSS CUBE to accent
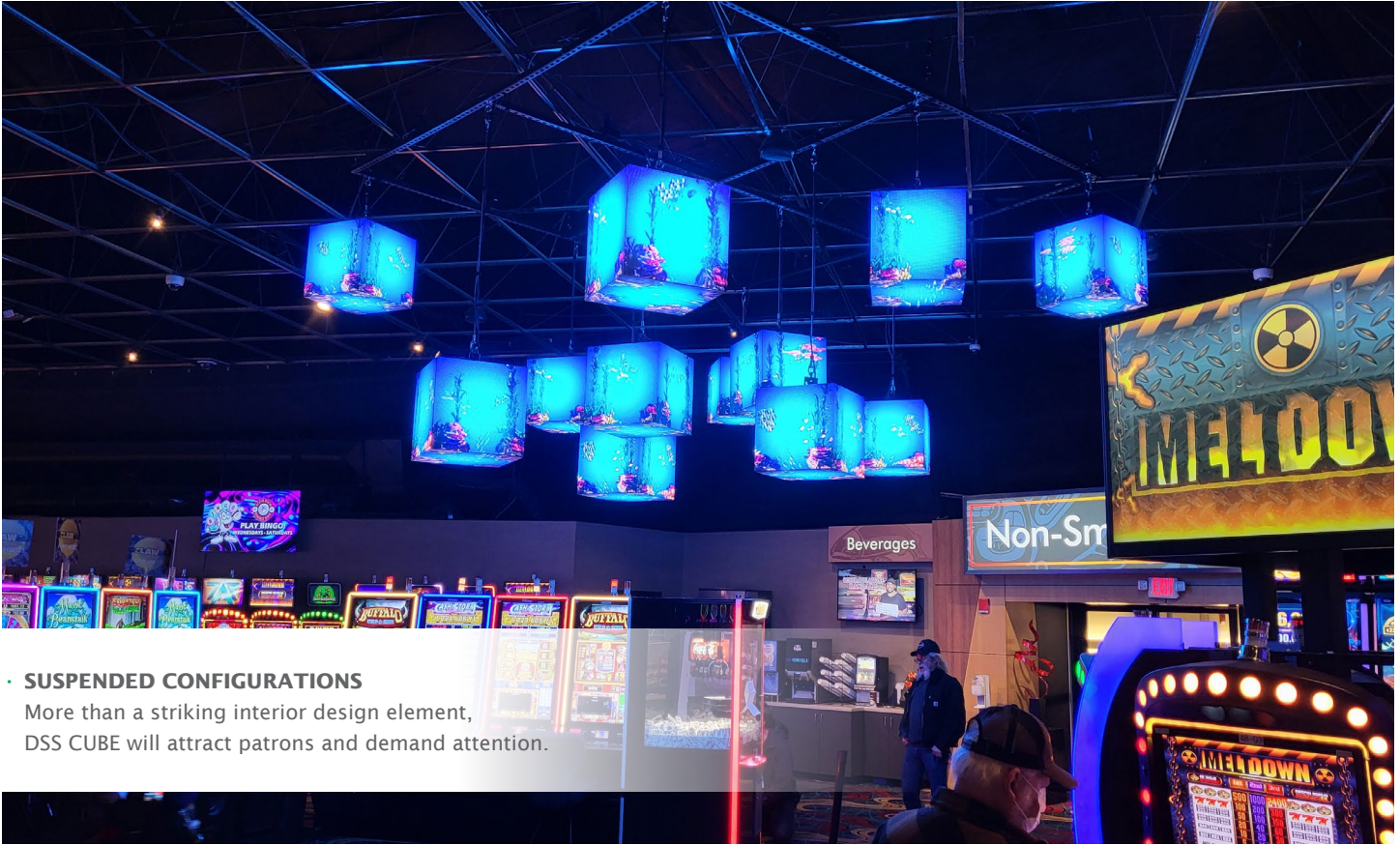and enhance any environment.

SHOW THEM AMAZING FROM ALL SIDES.

JCM DSS CUBE™ is a modular cubic display solution
that can be designed to to join, stack or hang.
Anywhere in your venue, JCM can bring true three-
dimensional designs and shapes to life. From branding
and marketing, to digital art and interior design, the
possibilities are endless.

CUBE

- **SUSPENDED CONFIGURATIONS**
  More than a striking interior design element,
  DSS CUBE will attract patrons and demand attention.

- **CUBE STACK CONFIGURATIONS**
  From artistic digital design, to marketing, promotions
  and practical wayfinding applications – DSS CUBE is
  versatile and configurable to essentially any space.

· **DSS FLOOR COVERING AND RUNWAY**
Whether it's a high fashion runway, or immersing patrons in the ultimate nightclub, DSS FLOOR will evolve the way you utilize your floor surfaces.
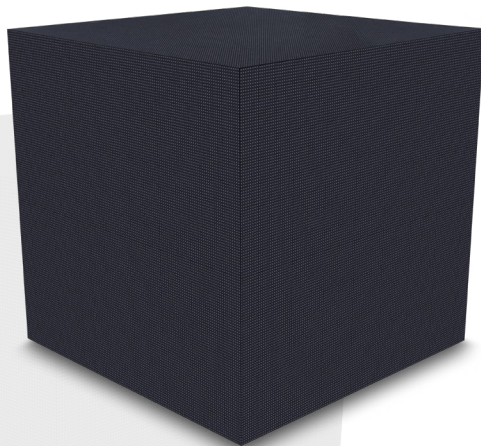

INNOVATION LEADS THE WAY

JCM DSS FLOOR™ modular display panels can be combined with CUBE or used on their own much like floor tiles to create a totally unique visual experience. From practical wayfinding to the transformation or your environment into another world, it's all possible.

FLOOR

DIGITAL SIGNAGE SOLUTIONS
CUBE & FLOOR™

	CUBE 2.9	CUBE 3.9	CUBE 5.2
Physical Pitch	2.9mm	3.9mm	5.2mm
Pixel Configuration	SMD	SMD	SMD
Pixel Density (per Module)	112,896 pixels/m²	65,536 pixels/m²	36,864 pixels/m²
Pixel Density (per Panel)	28,224 pixels/panel	16,384 pixels/panel	9,216 pixels/panel
Module Dimensions (mm)	250 x 250	250 x 250	250 x 250
Panel Dimensions (W x H x D) (mm)	503 X 503 X 516	503 X 503 X 516	503 X 503 X 516
No. of Modules Per Panel (W x H)	2 x 2	2 x 2	2 x 2
Physical Resolution of Module (W x H)	84 X 84	64 x 64	48 x 48
Physical Resolution of Panel (W x H)	168 X 168	128 x 128	96 x 96
Weight Per Panel	7.12 kg/panel	7.12 kg/panel	7.12 kg/panel
Weight Per Module	28.5 kg/m²	28.5 kg/m²	28.5 kg/m²
Processing	16 Bit	16 Bit	16 Bit
Colours	281 trillion	281 trillion	281 trillion
Contrast Ratio	4,000:01:00	4,000:01:00	4,000:01:00
Average Power Consumption	36 – 60 w/panel	36 – 60 w/panel	36 – 60 w/panel
Max Power Consumption	120 w/panel	120 w/panel	120 w/panel
Driving Method	N/A	N/A	N/A
Operating Temp/Humidity	-10˚ - 40˚ / 10% - 60%	-10˚ - 40˚ / 10% - 60%	-10˚ - 40˚ / 10% - 60%
Storage Temp/Humidity	-30˚ - 60˚ / 10% - 60%	-30˚ - 60˚ / 10% - 60%	-30˚ - 60˚ / 10% - 60%
Brightness	1,200 nits	1,200 nits	1,200 nits
Refresh Rate	1920 – 3840 Hz	1920 – 3840 Hz	1920 – 3840 Hz
Horizontal Viewing Angle	160˚	160˚	160˚
Vertical Viewing Angle	160˚	160˚	160˚
Expected Lifetime (Max)	100,000 hours	100,000 hours	100,000 hours
Max Stacking	12 panels	12 panels	12 panels
Max Hanging	N/A	N/A	N/A
Servicing	Front and Back	Front and Back	Front and Back
IP Rating	IP43	IP43	IP43
Certification	CE, RoHS, EMC Class A	CE, RoHS, EMC Class A	CE, RoHS, EMC Class A

TYPICAL APPLICATIONS		
Casino	Lobby	F&B Venue
High-Limit Area	Bar & Nightclubs	Convention & Exhibit Space
Entertainment	Dayclubs	Retail
Show Room	Walkways	Spa

CUBE & FLOOR

FLOOR Specifications

DIGITAL SIGNAGE SOLUTIONS — CUBE & FLOOR™

	FLOOR 2.6	FLOOR 3.9	FLOOR 4.8
Physical Pitch	2.6mm	3.9mm	4.8mm
Pixel Configuration	SMD	SMD	SMD
Pixel Density (per Module)	147,456 pixels/m²	65,536 pixels/m²	43,264 pixels/m²
Pixel Density (per Panel)	36,864 pixels/panel	16,384 pixels/panel	10,816 pixels/panel
LED Module Dimensions (mm)	250 x 250	250 x 250	250 x 250
Panel Dimensions (W x H x D) (mm)	500 X 500 X 68	500 X 500 X 68	500 X 500 X 68
Panel Dimensions (bracket included) (mm)	1,000 X 1,000 X 135	1,000 X 1,000 X 135	1,000 X 1,000 X 135
No. of Modules Per Panel (W x H)	2 x 2	2 x 2	2 x 2
Physical Resolution of Module (W x H)	96 X 96	64 x 64	52 x 52
Physical Resolution of Panel (W x H)	192 X 192	128 x 128	104 x 104
Weight Per Panel	8.5 kg/panel	8.5 kg/panel	8.5 kg/panel
Weight Per m² (bracket included)	48 kg/m²	48 kg/m²	48 kg/m²
Processing	16 Bit	16 Bit	16 Bit
Colours	281 trillion	281 trillion	281 trillion
Contrast Ratio	80,000 : 01	80,000 : 01	80,000 : 01
Average Power Consumption	50 – 80 w/panel	50 – 80 w/panel	50 – 80 w/panel
Max Power Consumption	160 w/panel	160 w/panel	160 w/panel
Operating Temp/Humidity	-20˚ - 50℃ / 10% - 90%	-20˚ - 50℃ / 10% - 90%	-20˚ - 50℃ / 10% - 90%
Storage Temp/Humidity	-30˚ - 60℃ / 10% - 90%	-30˚ - 60℃ / 10% - 90%	-30˚ - 60℃ / 10% - 90%
Brightness	600 – 1,000 nits	600 – 1,000 nits	600 – 1,000 nits
Refresh Rate	1,920 – 3,840 Hz	1,920 – 3,840 Hz	1,920 – 3,840 Hz
Human-Machine Interaction	NO	NO	YES
Horizontal Viewing Angle	160˚	160˚	160˚
Vertical Viewing Angle	140˚	140˚	140˚
Expected Lifetime (Max)	100,000 hours	100,000 hours	100,000 hours
Max Stacking	12 panels	12 panels	12 panels
Max Hanging	10 panels	10 panels	10 panels
Servicing	Front	Front	Front
IP Rating	IP65	IP65	IP65
Certification	CE, EMC ClassA, ETL, RoHS	CE, EMC ClassA, ETL, RoHS	CE, EMC ClassA, ETL, RoHS

TYPICAL APPLICATIONS

Airport	Reception Hall	Window Display	Bar & Nightclubs	Wedding	Stadium
Shopping Mall	Opera House	Railway Station	Convention & Exhibition Space	Theater Stage Design	

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