DIGITAL SIGNAGE SOLUTIONS FLEX™

Flexible, Concave-Convex, Modular Display

- **Unleash unlimited creativity in any environment**
- **Enhances brands, architecture, interior design, and live productions**
- **Superior resolutions and color performance**

FULLY ARTICULATED FLEXIBLE PANELS

- DSS FLEX™ can form creative convex, concave and cylindrical shapes
- Each panel can flex convex or concave by 20˚
- 18 panels required to produce the smallest cylinder with a radius of 1.43m
- Minimum Diameter
  FLEX 2.9/3.2: 20 panels/ 10.45' diameter
  FLEX 3.9: 18 panels/ 9.4' diameter

SUPERIOR COLOR PERFORMANCE

- Excellent grayscale level
- Deep black levels
- Optimum contrast ratio
- High fidelity brilliant colors
- Back serviceable

ULTRA SLIM ULTRA LIGHT

- Modular design with standard panel size of 500mm x 500mm
- Panel depth is ultra slim at 70mm
- Weights:
  2.9mm - 18.74 lbs
  3.2mm - 18.3 lbs
  3.9mm - 17.86 lbs

JCM GLOBAL®
DIGITAL SIGNAGE SOLUTIONS

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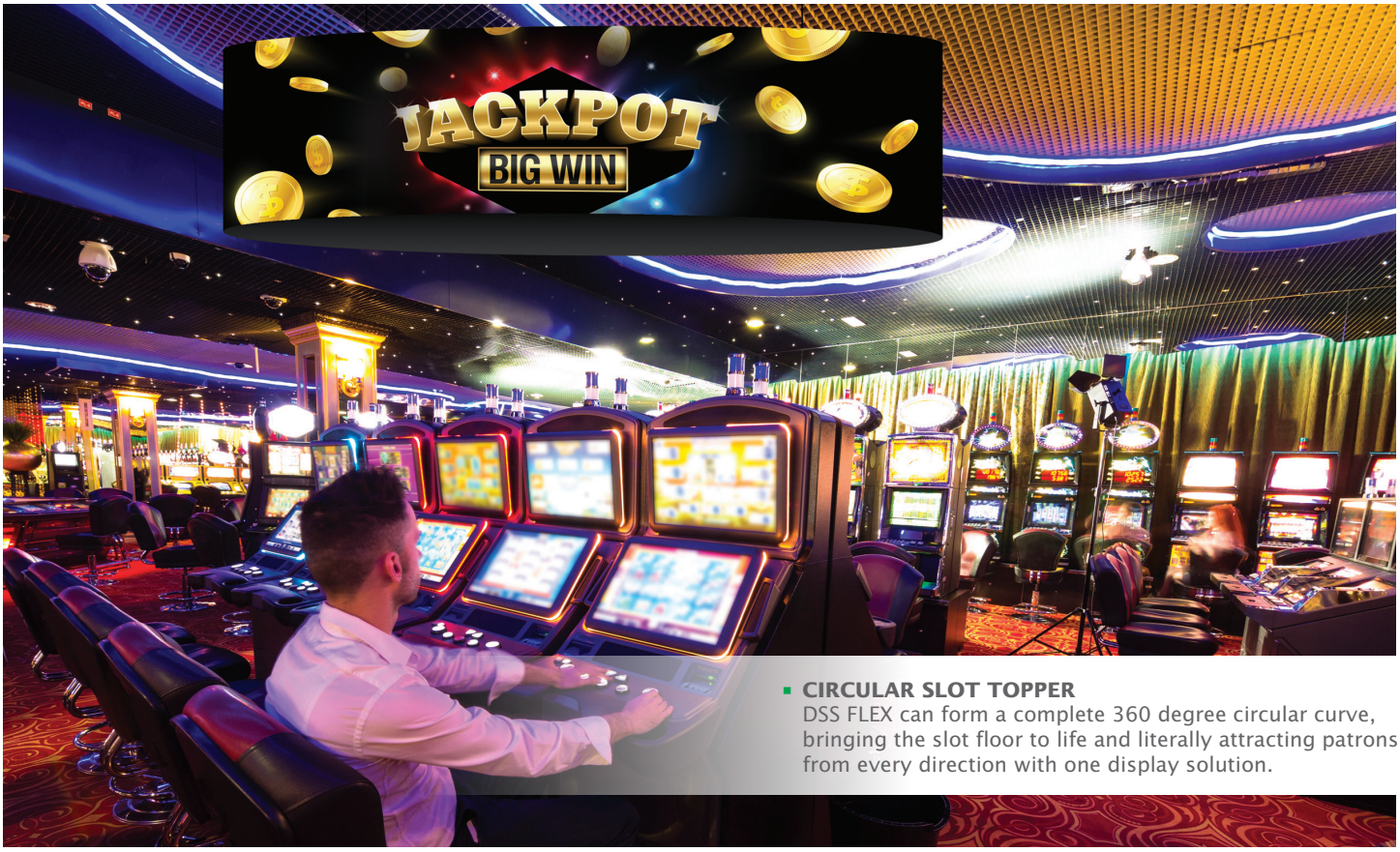
FLEX™

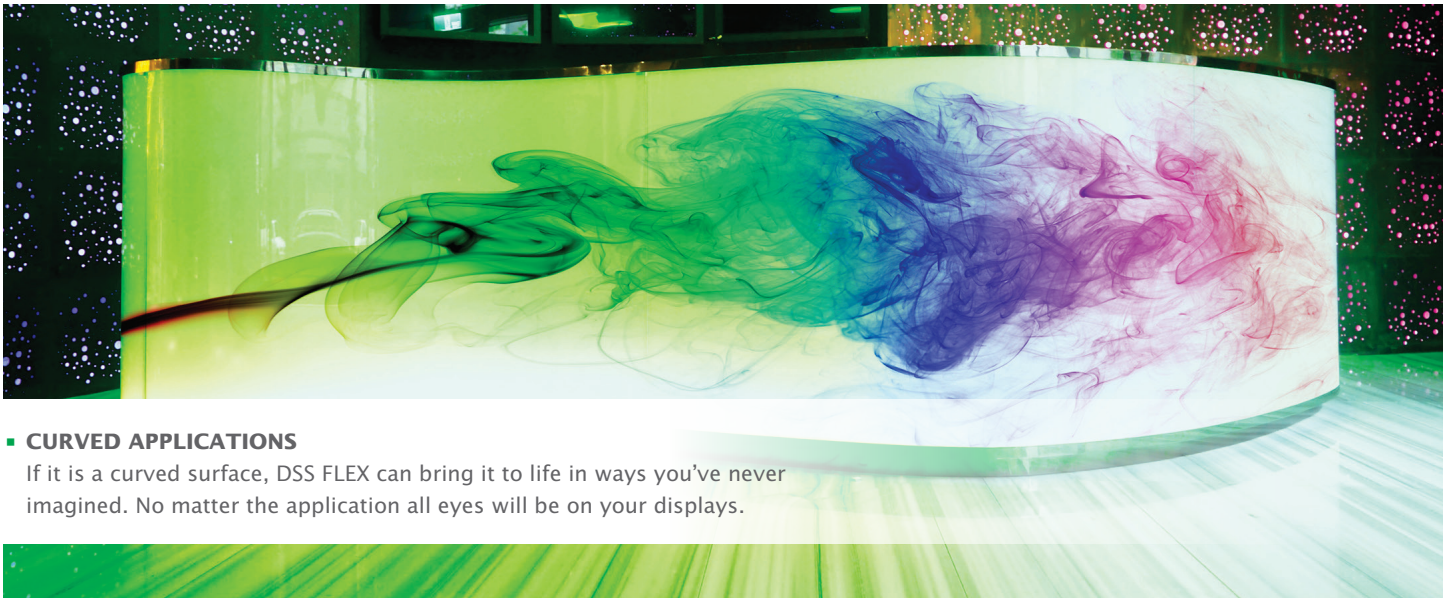


- **CIRCULAR SLOT TOPPER**
  DSS FLEX can form a complete 360 degree circular curve, bringing the slot floor to life and literally attracting patrons from every direction with one display solution.

ULTIMATE FLEXIBILITY FOR ULTIMATE IMMERSION

JCM DSS FLEX is a modular display system that is designed for horizontal curves, vertical curves, concave or convex. FLEX panels can be connected together in an array of curved configurations that can be framed or hung. Whether for stage production, the casino floor, a nightclub, or as a dramatic architectural feature, the applications are as stunning as they are limitless

- **CIRCULAR STACKABLE COLUMN**
  The unparalleled visual impact of DSS FLEX can even make check-in an unforgettable visceral experience.



- **CURVED APPLICATIONS**
  If it is a curved surface, DSS FLEX can bring it to life in ways you've never imagined. No matter the application all eyes will be on your displays.

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Specifications

	FLEX 2.9	FLEX 3.2	FLEX 3.9
Physical Pitch	2.9mm	3.2mm	3.9mm
Pixel Configuration	SMD	SMD	SMD
Pixel Density (per Module)	112,896 pixels/m²	97,344 pixels/m²	65,536 pixels/m²
Pixel Density (per Panel)	28,224 pixels/panel	24,336 pixels/panel	16,384 pixels/panel
Module Dimensions (mm)	500 X 125	500 X 125	500 X 125
Panel Dimensions (W x H x D) (mm)	500 X 500 X 70	500 X 500 X 70	500 X 500 X 70
No. of Modules Per Panel (W x H)	1 X 4	1 X 4	1 X 4
Physical Resolution of Module (W x H)	168 X 42	156 X 39	128 X 32
Physical Resolution of Panel (W x H)	168 X 168	156 X 156	128 X 128
Weight Per Panel	18.74 lbs, 8.5 kg/panel	18.3 lbs, 8.3 kg/panel	17.86 lbs, 8.1 kg/panel
Weight Per Module	74.96 lbs, 34 kg/m²	73.2 lbs, 33.2 kg/m²	71.44 lbs, 32.4 kg/m²
Minimum Diameter (Panels)	20 panels	20 panels	18 panels
Minimum Diameter (Feet)	10.45' diameter	10.45' diameter	9.4' diameter
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	140˚	140˚	140˚
Vertical Viewing Angle	120˚	120˚	120˚
Expected Lifetime (Max)	100,000 hours	100,000 hours	100,000 hours
Max Stacking	20 panels	20 panels	20 panels
Max Hanging	16 panels	16 panels	16 panels
Servicing	Back	Back	Back
IP Rating	IP30	IP30	IP30
Certification	CE, RoHS, EMC Class A	CE, RoHS, EMC Class A	CE, RoHS, EMC Class A

TYPICAL APPLICATIONS		
Casino	Convention & Exhibit Space	F&B Venue
High-Limit Area	Show Room	Hotel Lobby
Entertainment	Reception Counter	Bar & Nightclubs
Sportsbook	Dayclubs	

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