

INFILED

Screen your dreams



Xmk3

SERIES

**Ultra-flexible curved display
to shape the extraordinary**

RENTAL | XR&VP

ANY SHAPE. ANY SPACE. NO LIMITS.

Reimagine LED creativity with ultra-flexible curvature, rugged design, and vivid image performance. Xmk3 is built to move, to impress, and built for the boldest visual storytellers.

From live events to virtual production and immersive experiences, Xmk3 empowers your vision with dynamic form, high resilience, and crystal-clear playback. Your screen doesn't have to be flat—now, it doesn't even have to follow rules.

BUILD WAVES, RINGS, AND RIGHT ANGLES – ALL WITH ONE CABINET

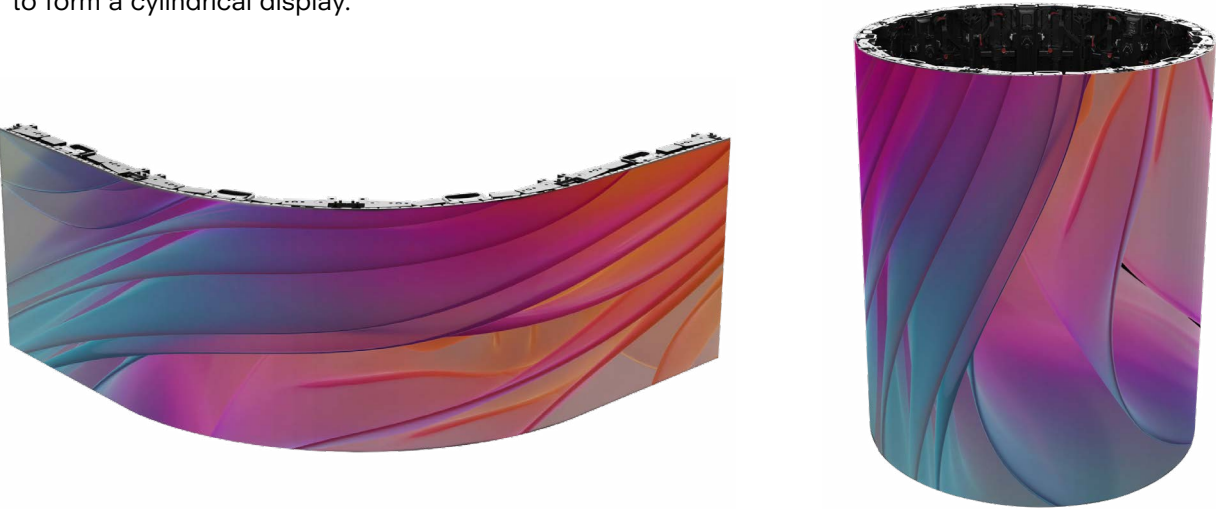
Curved, cylindrical, right-angled—Xmk3 gives you the power to shape LED displays like never before.

Thanks to precision curvature and modular design, Xmk3 transforms traditional displays into immersive installations. Whether it's a fluid wave, 360° cylinder, or right-angled structure, create visual forms that fit your story—not the other way around.

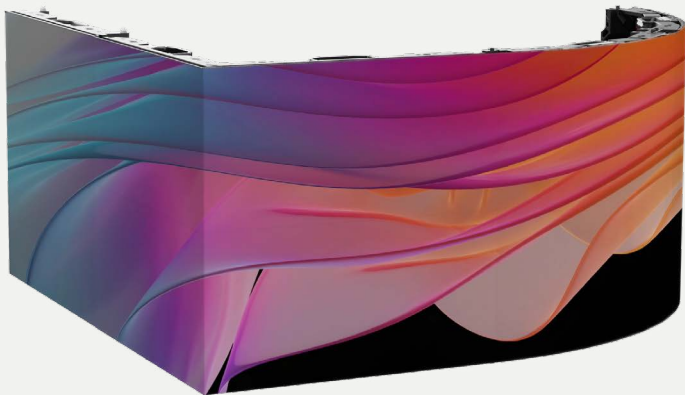
- ◆ **Simplified Curvature Settings**
A simple curvature adjustment is implemented, using flexible LED modules to enable easy setup of curved screens.



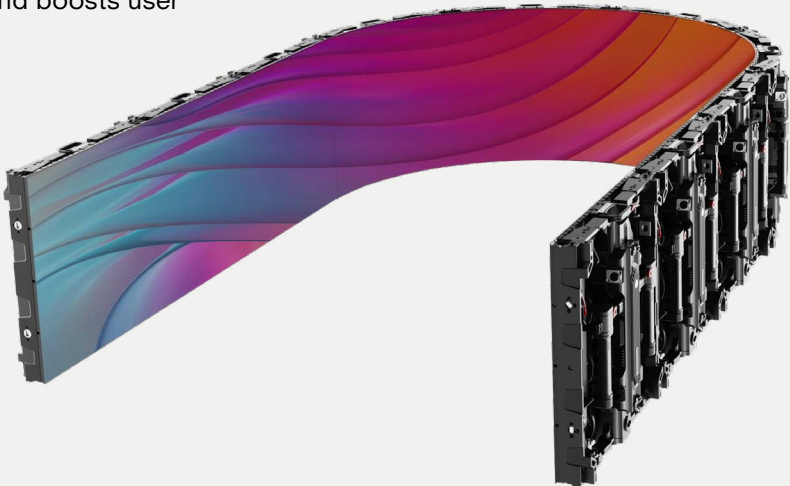
- ◆ **Cylindrical Structure Installation**
Adjust eight Xmk3 LED cabinets to a 45-degree outer arc and link them together to form a cylindrical display.



- ◆ **Creative Integration**
Combines with DBmk2, EZmk2, MagCube and RS small cabinets for advanced shapes with wave and right-angle designs.



- ◆ **Smooth Wave Formation**
Create eye-catching screens in a smooth wave design that grabs attention and boosts user experience.



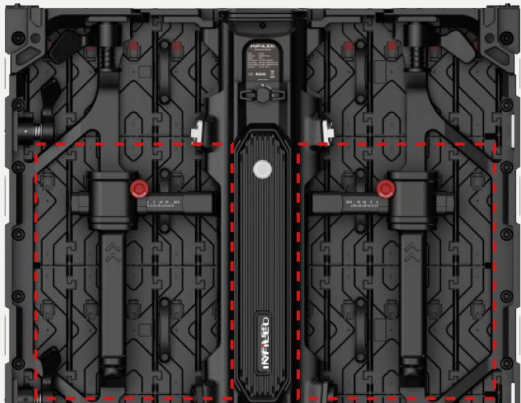
SMART ENGINEERING FOR FAST SETUP

The Xmk3 is designed for ease: tool-free curve settings, magnetic alignment, and edge protection. It's made to go up fast and stay flawless—even under pressure.

◆ **Curvature Adjustment Buttons**

PUSH-TO-CURVE BUTTONS: FAST $\pm 45^\circ$ SURFACE BENDING

Press both buttons on the back of the cabinet, then push or pull to adjust the curve—up to a maximum angle of 45° .



◆ **Cabinet Connection Mechanism**

MAGNETIC CABINET LOCKING: PRECISE POSITIONING, NO TOOLS

Magnetic guides and positioning columns ensure precise alignment between upper and lower cabinets, every time.



SPEED MEETS PRECISION FOR DEMANDING EVENTS

It has been meticulously engineered for fast curvature setup, surface flatness, and LED protection. With practical components built directly into each cabinet, screen assembly is quick, precise, and efficient.

◆ **Collision Cushion Gaskets**

CORNER GASKETS: PROTECT LEDS DURING BUMPS AND SETUP

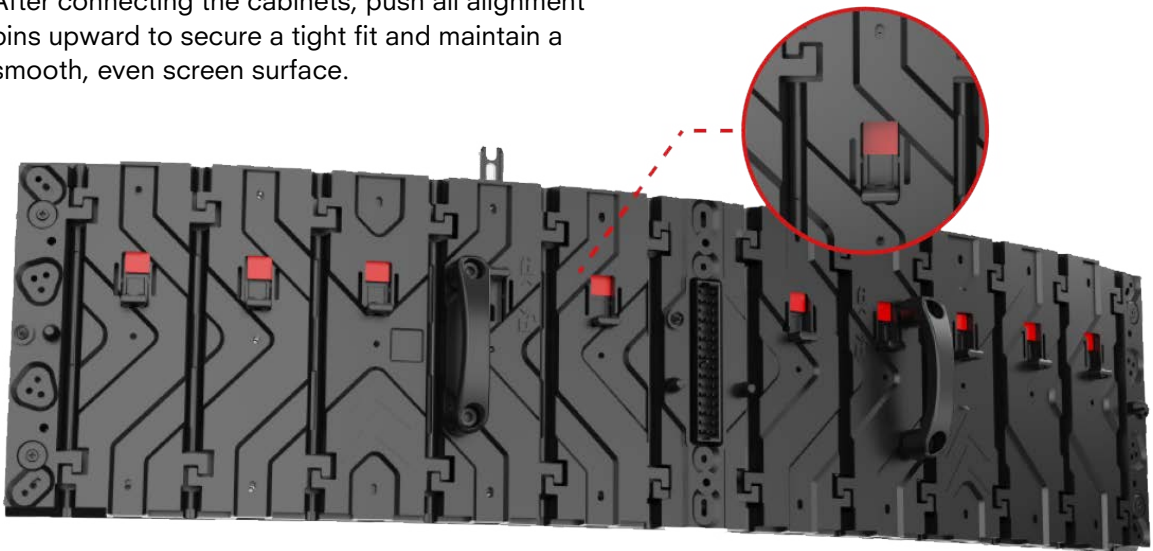
Corner gaskets are slightly raised above the LED surface, ensuring they absorb impact first to protect the LEDs from bumps or collisions.



◆ **Alignment Pins**

KEEPS CURVED SURFACES FLAT AND FLUSH

After connecting the cabinets, push all alignment pins upward to secure a tight fit and maintain a smooth, even screen surface.



BUILT FOR RENTAL, READY FOR ANYTHING.

Fast, Rugged, and Event-Ready, Xmk3 was engineered for speed, strength, and repeat setups. Ideal for rental, staging, and touring.

Every detail is crafted for hands-on practicality. Tool-free curvature settings, magnetic connections, and impact protection reduce setup time and equipment damage—even under pressure.



TWO SET UP METHODS FOR OPTIMAL VIEWING AND USABILITY.

Xmk3 is engineered with a strong emphasis on practicality, incorporating a modular design that facilitates rapid assembly and disassembly.

This characteristic makes it especially advantageous in rental situations where efficiency is important. Its light- weight yet durable construction guarantees that the screens can be set up with minimal effort.

◆ **Stacking Installation**

Cabinets can be stacked, reaching a maximum height of 9 meters.

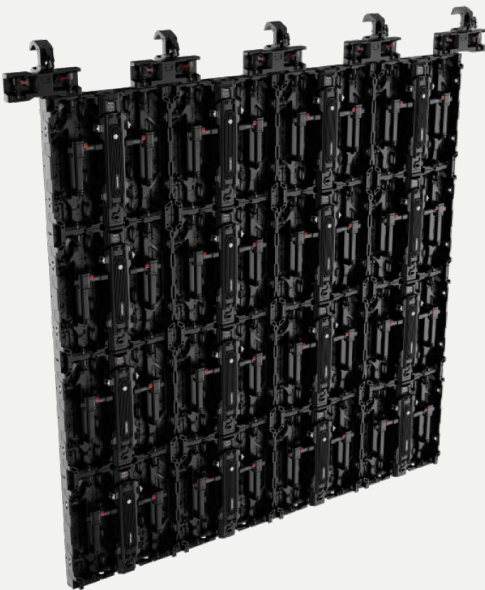
◆ **Universal Stacking System**

The Xmk3 series uses a universal stacking system designed to be compatible with several Infiled rental series, featuring universal stacking joints.



◆ **Hanging Installation**

Cabinets can be hung, reaching a maximum height of 9 meters.



POWERED BY INFILED TECHNOLOGIES

Advanced Technologies for Enhanced Performance.

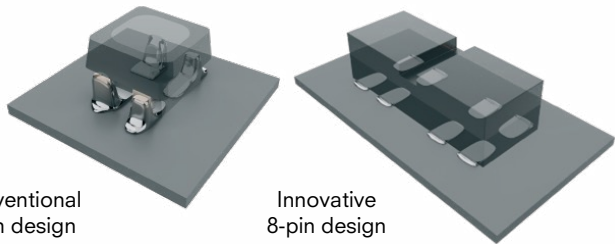
The Xmk3 series incorporates advanced technologies to improve durability and visual performance, ensuring high-quality displays in demanding environments.



ArmorLED

◆ **ENHANCED LED SCREEN PROTECTION**

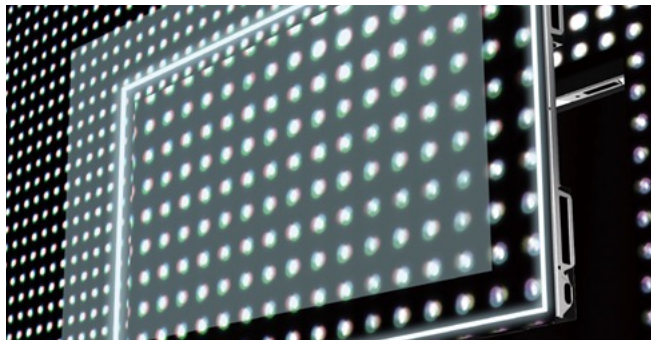
ArmorLED Technology boosts LED impact resistance by 3–5 times compared to standard LEDs, dramatically reducing damage during setup, transport, or operation. The result: a tougher, more reliable display built for real-world conditions.



SolidSkin

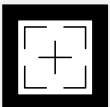
◆ **DURABILITY, IMPACT RESISTANCE AND VISUAL CLARITY**

SolidSkin forms a clear, durable coating over LED modules, shielding them from moisture, dust, and impact. It boosts durability, improves image clarity, and reduces maintenance—ideal for high-use, frequently handled displays.



VISUAL EXCELLENCE IN EVERY FRAME

Xmk3 delivers rich color, deep contrast, and smooth motion—on any screen shape and from any viewing angle. Powered by CBSF chips, 16-bit grayscale, and a 7680Hz refresh rate, it ensures lifelike visuals that shine even under stage lights or camera lenses.



CBSF

◆ **UNLOCK A POWERFUL COLOR PERFORMANCE**

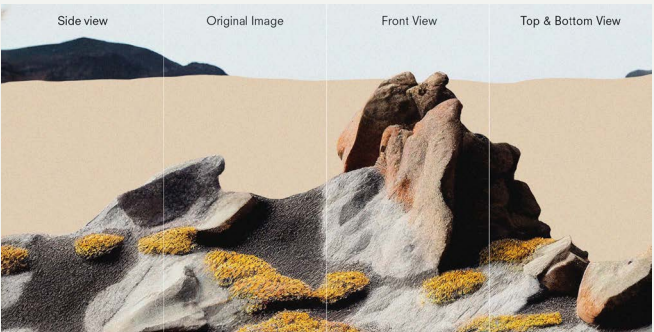
CBSF technology*, driven by the five-sided M2 chip, delivers vivid, glare-free visuals without moiré. It improves light distribution, color accuracy, and brightness consistency—even at wide angles—minimizing postproduction correction and maximizing on-camera performance.

* Only available in Studio models.

- Wide Viewing Angle: 160° horizontal / vertical.
- Low Moiré Output: Cleaner image on camera.
- Consistent color, from every angle.
- Uniform lighting, every shot.



Conventional LED Display



Display with CBSF Technology

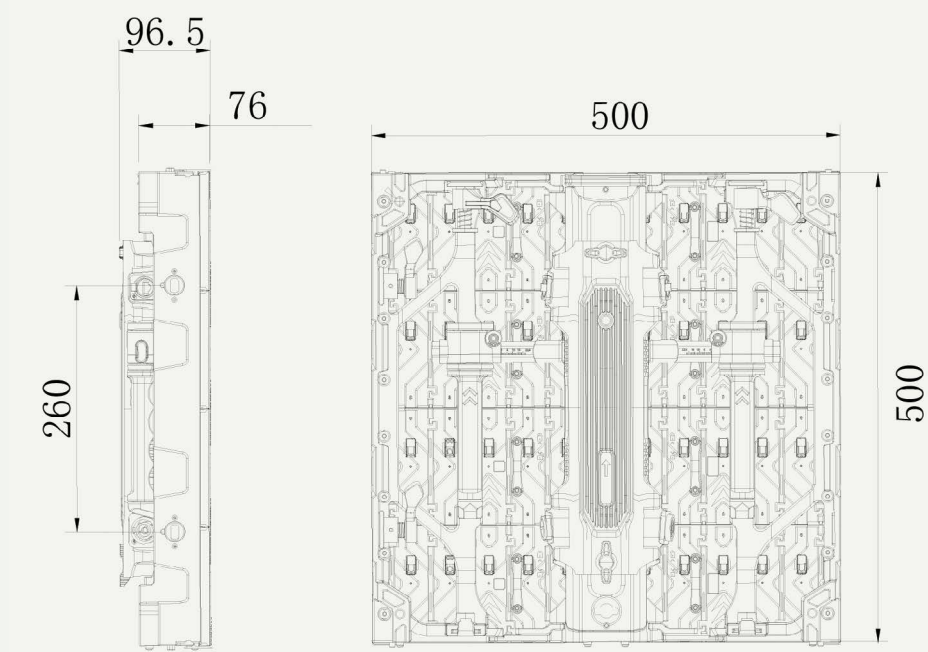
◆ **RICHER GRADIENTS AND DEEPER CONTRAST**

The screen supports 16-bit grayscale, delivering deeper color depth, richer tones, and a more immersive viewing experience.

◆ **ULTRA-SMOOTH MOTION AND PLAYBACK**

The 7680Hz refresh rate ensures ultra-smooth video playback, minimizing motion blur and delivering sharp, clear visuals for any type of media content.

SPECIFICATIONS



Xmk3 Specification

General Information	Model Number	IL-RSS-IRX1.56M2mk3-Ultra	IL-RSS-IRX1.56M2mk3-CBSF
	Pixel Pitch	1.56mm	1.56mm
Physical Parameter	Physical Density	409'600pixels/m2	409'600pixels/m2
	LED Arrangement	IMD 2 in 1	IMD 2 in 1
	Module Resolution (W x H)	320 x 80 pixels	320 x 80 pixels
	Module Dimensions (W x H, mm)	500 x 125 mm (19.69 x 4.92 in)	500 x 125 mm (19.69 x 4.92 in)
	Cabinet Resolution	320 x 320 pixels	320 x 320 pixels
	Cabinet Dimensions (mm/inch)	500 x 500 x 96.5 mm(19.69 x 19.69 x 3.80 in)	500 x 500 x 96.5 mm(19.69 x 19.69 x 3.80 in)
	Cabinet Weight (Unit case/Square meter)	7.7kg(16.98lb)	7.7kg(16.98lb)
	Angle Adjuster	-45° ~ +45°	-45° ~ +45°
Optical Parameter	Brightness (After Calibration)	1200nits	1200nits
	Viewing Angle	160°/160°	160°/160°
Power Supply	Max. Power Consumption(W/Unit)	150W/Panel	165W/Panel
	Avg. Power Consumption(W/Unit)	50W/Panel	55W/Panel
	Operating Power Source	100-240V AC 50-60Hz	100-240V AC 50-60Hz
Control System	Refresh Rate	7680Hz	7680Hz
	Signal Input Source	DVI, HDMI, DP, SDI	DVI, HDMI, DP, SDI
Operation Conditions	Operating Temperature	-10°C--+45°C	-10°C--+45°C
	IP Rating (Front/Rear)	IP30	IP30
	Certification	CE, FCC, ETL, RoHS, REACH	CE, FCC, ETL, RoHS, REACH

Xmk3 Specification

General Information	Model Number	IL-RSS-IRX1.95M2mk3	IL-RSS-IRX1.95mk3-Lite	IL-RSS-IRX1.95M2mk3-Ultra
	Pixel Pitch	1.95mm	1.95mm	1.95mm
Physical Parameter	Physical Density	262,144 pixel/m²	262,144 pixel/m²	262,144 pixel/m²
	LED Arrangement	IMD 2in1	3 IN 1 SMD	IMD 2in1
	Module Resolution (W x H)	256 x 64 pixels	256 x 64 pixels	256 x 64 pixels
	Module Dimensions (W x H, mm)	500 x 125 mm (19.69 x 4.92 in)	500 x 125 mm (19.69 x 4.92 in)	500 x 125 mm (19.69 x 4.92 in)
	Cabinet Resolution	256 x 256 pixels	256 x 256 pixels	256 x 256 pixels
	Cabinet Dimensions (mm/inch)	500 x 500 x 96.5 mm	500 x 500 x 96.5 mm	500 x 500 x 96.5 mm
		(19.69 x 19.69 x 3.80 in)	(19.69 x 19.69 x 3.80 in)	(19.69 x 19.69 x 3.80 in)
	Cabinet Weight (Unit case/Square meter)	7.7kg(16.98lb)	7.7kg(16.98lb)	7.7kg(16.98lb)
Optical Parameter	Brightness (After Calibration)	1000nits	1000nits	1000nits
	Viewing Angle	160°/160°	160°/160°	160°/160°
Power Supply	Max. Power Consumption(W/Unit)	150W/Panel	165W/Panel	150W/Panel
	Avg. Power Consumption(W/Unit)	50W/Panel	55W/Panel	50wW/Panel
	Operating Power Source	100-240V AC 50-60Hz	100-240V AC 50-60Hz	100-240V AC 50-60Hz
Control System	Refresh Rate	7680Hz	7680Hz	7680Hz
	Signal Input Source	DVI, HDMI, DP, SDI	DVI, HDMI, DP, SDI	DVI, HDMI, DP, SDI
Operation Conditions	Operating Temperature	-10°C--+45°C	-10°C--+45°C	-10°C--+45°C
	IP Rating (Front/Rear)	IP30	IP30	IP30
	Certification	CE, FCC, ETL, RoHS, REACH	CE, FCC, ETL, RoHS, REACH	CE, FCC, ETL, RoHS, REACH

Xmk3 Specification

General Information	Model Number	IL-RSS-IRX2.6mk3-Pro	IL-RSS-IRX2.6M2mk3-Ultra	IL-RSS-IRX3.9mk3-Lite
	Pixel Pitch	2.6mm	2.6mm	3.9mm
Physical Parameter	Physical Density	147,456 pixel/m²	147,456 pixel/m²	65,536 pixel/m²
	LED Arrangement	IMD 2 in 1	IMD 2 in 1	3 IN 1 SMD
	Module Resolution (W x H)	192 x 48 pixels	192 x 48 pixels	128 x 32 pixels
	Module Dimensions (W x H, mm)	500 x 125 mm (19.69 x 4.92 in)	500 x 125 mm (19.69 x 4.92 in)	500 x 125 mm (19.69 x 4.92 in)
	Cabinet Resolution	192 x 192 pixels	192 x 192 pixels	128 x 128 pixels
	Cabinet Dimensions (mm/inch)	500 x 500 x 96.5 mm	500 x 500 x 96.5 mm	500 x 500 x 96.5 mm
		(19.69 x 19.69 x 3.80 in)	(19.69 x 19.69 x 3.80 in)	(19.69 x 19.69 x 3.80 in)
	Cabinet Weight (Unit case/Square meter)	7.7kg(16.98lb)	7.7kg(16.98lb)	7.6kg(16.76lb)
Optical Parameter	Brightness (After Calibration)	1200nits	1200nits	1000nits
	Viewing Angle	160°/160°	160°/160°	160°/160°
Power Supply	Max. Power Consumption(W/Unit)	150W/Panel	150W/Panel	150W/Panel
	Avg. Power Consumption(W/Unit)	50W/Panel	65W/Panel	50W/Panel
	Operating Power Source	100-240V AC 50-60Hz	100-240V AC 50-60Hz	100-240V AC 50-60Hz
Control System	Refresh Rate	7680Hz	7680Hz	7680Hz
	Signal Input Source	DVI, HDMI, DP, SDI	DVI, HDMI, DP, SDI	DVI, HDMI, DP, SDI
Operation Conditions	Operating Temperature	-10°C--+45°C	-10°C--+45°C	-10°C--+45°C
	IP Rating (Front/Rear)	IP30	IP30	IP30
	Certification	CE, FCC, ETL, RoHS, REACH	CE, FCC, ETL, RoHS, REACH	CE, FCC, ETL, RoHS, REACH

The product specifications can be customized.

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PIXEL PITCH	1.56, 1.95, 2.6, 3.9mm
BRIGHTNESS	1000-1200nits
CABINET SIZE (WxHxD)	500 x 500 x 96.5 mm
IN/OUT	INDOOR

INFILED
Screen your dreams

CHINA | SPAIN | NETHERLANDS | GERMANY | UAE | USA | JAPAN | MALAYSIA | SINGAPORE
SOUTH KOREA | AUSTRALIA | NEW ZEALAND | COLOMBIA | INDONESIA | UK



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