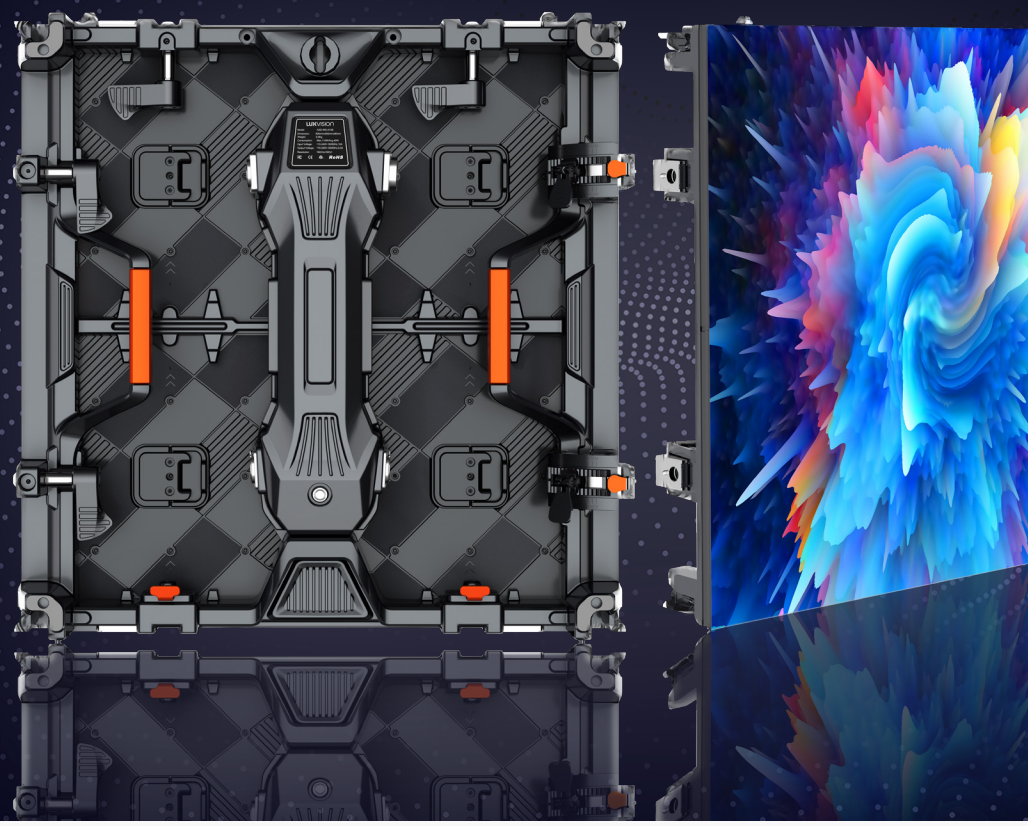
Indoor LED

EcoLux Hanging X Series



Designed to adapt, built to perform

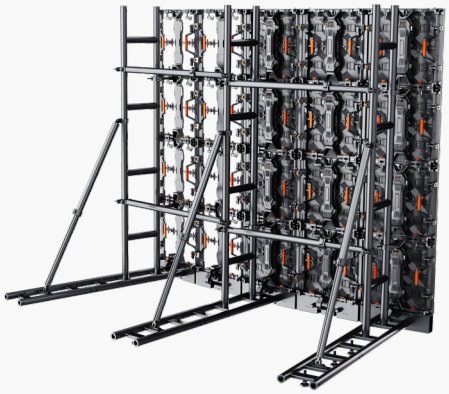
The EcoLux Hanging X Series combines innovative design and advanced LED technology to create a seamless, high-performance display solution. With available factory-flown mounting and ground stack systems, it's designed for maximum versatility and effortless integration.

Effortless Integration Into Any Space

From flown displays that command attention to ground-stacked configurations for creative staging, the EcoLux Hanging X Series offers unparalleled flexibility. Modular components are precision-engineered for easy assembly, making installation seamless and efficient, no matter the setup.

Streamlined Maintenance

With magnetic pre-lock alignment and clip-on power/data boxes, the EcoLux Hanging X Series makes servicing quick and hassle-free. Universal modules further simplify maintenance, minimizing downtime.



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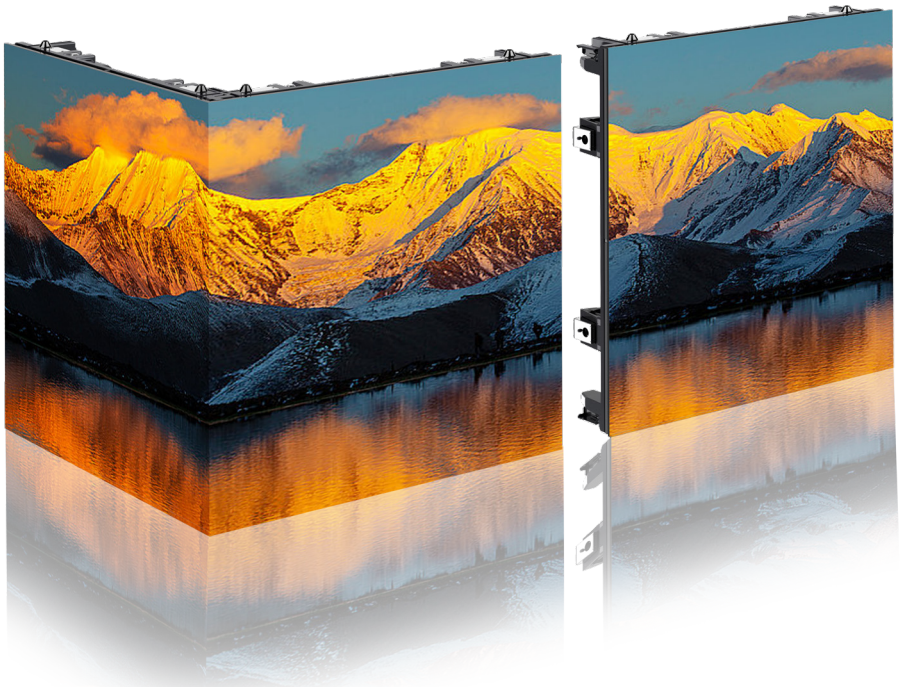
Built for versatility, strength, and reliability

The EcoLux Hanging X Series is designed to meet the demands of any installation, combining innovative features like seamless corner panels, durable yet lightweight construction, and dependable performance. Engineered for versatility and built to last, it delivers exceptional results you can count on.



Durable and Lightweight

Crafted from high-strength die-cast aluminum, the EcoLux Hanging X Series balances durability with an ultra-lightweight design. At just 6.5 kg per panel, it's easier to transport, assemble, and maintain without sacrificing structural integrity. Advanced glue-on-edge (GOE) technology protects LEDs from impact during setup or operation, ensuring consistent performance over time.

Designed for Every Angle

The EcoLux Hanging X Series features innovative corner panels that seamlessly integrate around 90-degree edges. This unique design ensures continuity across the entire display, creating visually stunning, uninterrupted surfaces perfect for creative and immersive installations.

Engineered for Reliability

With a power supply mutual backup system, the EcoLux Hanging X Series ensures uninterrupted performance, even during power fluctuations. Robust, certified components add an extra layer of dependability, keeping your display running smoothly when it matters most.

Versatile Curved Configurations

The EcoLux Hanging X Series offers flexibility with its ability to create stunning curved designs. Panels can be configured for 7.5° and 5° concave or 5° convex curves, providing seamless visuals that elevate any installation.

For unique projects, custom angles are also available, allowing for truly tailored and immersive display solutions. Whether for creative staging or architectural designs, this adaptable feature ensures your vision becomes a reality.

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EcoLux Hanging X Series

Cabinet Specifications

Physical Parameters

Pixel Pitch (mm)	1.95	2.31	2.60	2.97
Resolution (px)	256 × 256	216 × 216	192 × 192	168 × 168
Pixel Configuration	3-in-1 SMD			
Cabinet Material	Aluminum			
Cabinet Dimensions (W x H, mm)	500 × 500			
Weight Per Cabinet (kg / lb)	6.5 / 14.3			
Service Access	Front and rear			
Mounting System	Factory flown-mounting system or factory ground stack solution			

Optical Specifications

Brightness (nits)	950
Contrast Ratio	10,000:1
Viewing Angle (Horizontal / Vertical)	160° / 160°
Colour Temperature (Default, Adjustable)	6,500K
Colours	4 trillion
Greyscale	16-bit
Refresh Rate (Hz)	3,840

Electrical Specifications

Power Consumption (Watts/Cabinet, Max.)	180
Power Consumption (Watts/Cabinet, Avg.)	60

Operation Specifications

Operating Temperature	-10°C~+45°C
Operating Humidity	10~90%RH non-condensing
IP Rating	IP31
Lifetime (Hours)	100,000
Standard Warranty	2 years

Certification and Compliance

Safety	CE, FCC, RoHS, cETL

Specifications are subject to change without notice. Specification report date: 11/01/2024.

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