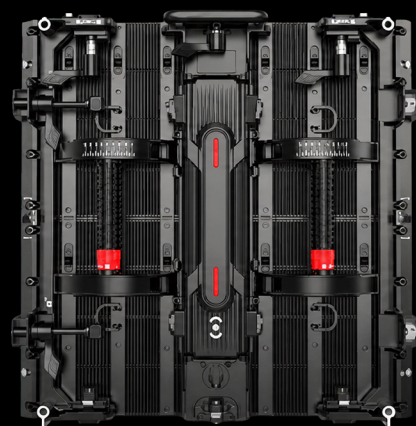
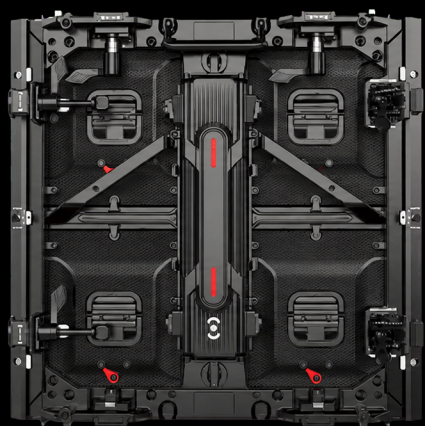


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HELIOS OUTDOOR

POWERED BY THE SUN. ENGINEERED FOR PERFORMANCE.



SHAPE EVERY STAGE: MODULAR RENTAL LED DISPLAY

📍 2001 E RANDOL MILL RD, SUITE 115, ARLINGTON, TX 76011-8219 ✉ INFO@LUMOPTIC.COM ☎ 469-989-3074

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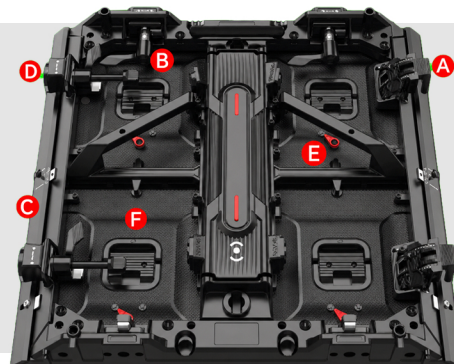
LED

LumOptic **HELIOS**

The Helios Series is designed to handle both conventional stage setups and bold creative installations.

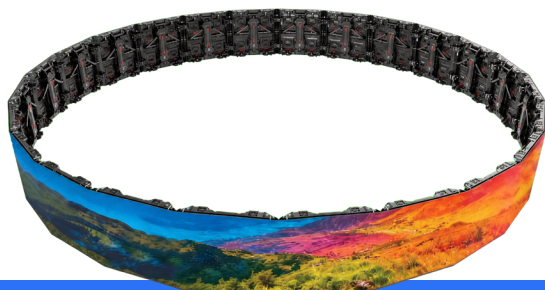
Its 315° arc-locking system supports flat, concave, convex, and complete circular configurations. With quick-disconnect components, lightweight die-cast aluminum construction, and versatile corner options, Helios Series rental LED displays make installation faster while delivering seamless, high-impact visuals for concerts, events, exhibitions, and immersive environments.

- A 315° Die-Cast Aluminum Curve Lock**
- B Single-Operator Quick-Lift Latch**
- C Full-Perimeter Edge Protection**
- D Rapid Cube Assembly**
- E Faulty-Module Indicator**
- F Universal Modules—No A/B Distinction**



FROM CURVES TO COMPLETE CIRCLES

Built for stages that refuse to stay flat, the Helios Series uses precision 315° arc locks to create smooth concave, convex, and wave configurations. Connect 24 cabinets to form a complete circle measuring just 3.8 meters in diameter—unlocking new possibilities for immersive events, touring productions, exhibitions, and 360° visual experiences.





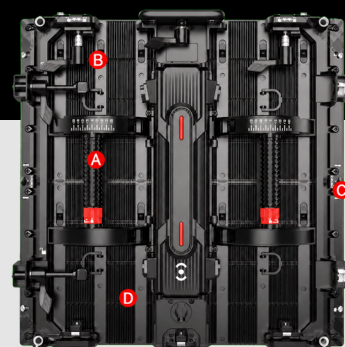
HELIOS-CORNER SERIES

SEAMLESS CORNERS. LIMITLESS POSSIBILITIES.

The Helios Corner Series creates smooth 90° transitions without interrupting the visual canvas. Purpose-built corner cabinets integrate precisely with standard Helios panels, enabling cubes, columns, and wraparound displays with consistent alignment and image continuity. The result is greater creative freedom and polished, dimensional LED experiences from every viewing angle.

HELIOS-FLEX SERIES

- A** Gear-lock mechanism with a range of 22.5°
- B** Single-operator quick latch for lifting
- C** Exclusive full-boarder protection design
- D** No A/B module distinction, 500 mm (W) × 250 mm (H)
- E** Eight cabinets can form a circle measuring 1.27 meters in diameter.



HELIOS-KING SERIES

BUILT FOR PERFORMANCE. READY ANYWHERE.

The Helios King Series combines a precision die-cast aluminum shell with low-scan technology for outstanding flatness, cooling, and image quality. Its IP66-rated modules deliver dependable indoor and outdoor performance for premium rental and fine-pitch applications.



SPECIFICATIONS

Item	Outdoor HO1.5	Outdoor HO1.9	Outdoor HO2.6	Outdoor HO3.9
LED Type	SMD1212 black	SMD1515/1010black	SMD1515/1010black	SMD1515 black
Pixel Pitch (mm)	1.5	1.9	2.6	3.9
Panel Dimensions (WxH)/(mm)	500x500	500x500	500x500	500x500
Pixel Per Panel	320x320	256x256	192x192	128x128
Panel Weight (kg)	7.3KG/16lb	7.3KG/16lb	7.3KG/16lb	7.3KG/16lb
Panel Material	die-casting aluminum	die-casting aluminum	die-casting aluminum	die-casting aluminum
Module Dimensions (WxH)/(mm)	250x250	250x250	250x250	250x250
Curving(Concave&Convex)	-15° ~ +15°	-15° ~ +15°	-15° ~ +15°	-15° ~ +15°
Brightness (nit)	700-1000	700-1000	700-1000	700-1000
Refresh Rate (Hz)	7680	7680	7680	7680
Gray scale (bit)	14-16	14-16	14-16	14-16
Angle (H/V) (°)	160/160	160/160	160/160	160/160
Driving Type	1/40	1/32 / 1/16	1/32 / 1/16	1/16
AC Operating Voltage (V)	4000 Black/5000 White	4000 Black/5000 White	4000 Black/5000 White	4000 Black/5000 White
Max. Power Consumption (W/m2)	600	600	600	600
Avg. Power Consumption (W/m2)	200	200	200	200
IP Rating	IP30	IP30	IP30	IP30
LED Lifetime (H)	100,000	100,000	100,000	100,000
Max hanging (m)	10	10	10	10
Max stacking(m)	10	10	10	10
Serviceability	Front/Rear	Front/Rear	Front/Rear	Front/Rear
Control system	NovaStar	NovaStar	NovaStar	NovaStar
Operational Temp/Humidity	-20°C ~ 45°C, 10% ~ 90% RH			

DESIGNED IN THE USA | MANUFACTURED IN CHINA

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