OSIRIS Series

IMMERSIVE. CONTROL ROOMS. SIMULATION.

TAKING IMMERSION TO THE NEXT LEVEL

Mixed Cabinet Splicing

Compatible with flat, curved, and chamfered cabinets, OSIRIS supports creative and flexible installation applications.

Power & Data Redundancy

OSIRIS can be upgraded to provide full power and data redundancy for mission-critical installations. It offers industry-leading 5G data communication, ensuring extra peace of mind and reduced cabling requirements.

Efficient Maintenance

Magnetic, front-service access allows for fast and easy hot-swapping of modules, minimising downtime and simplifying maintenance.

Multiple Pixel Technologies

Compatible with a variety of pixel technologies:

SMD | MIP | COB

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Version 1.3

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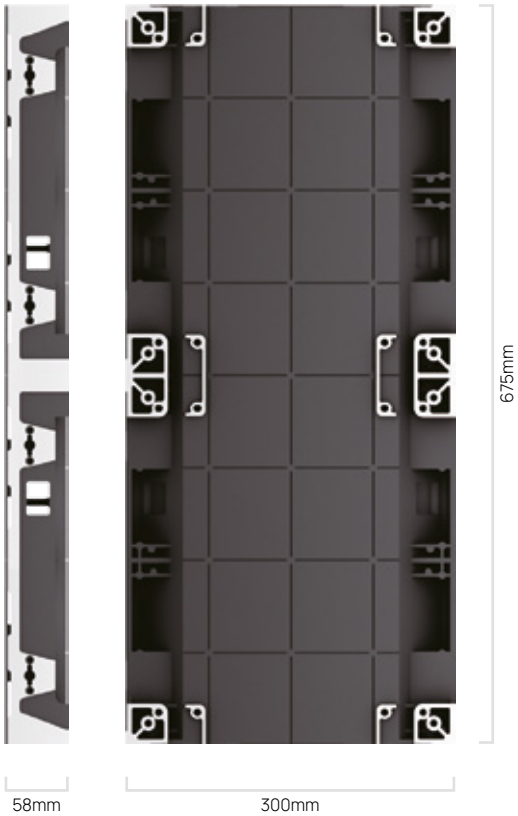
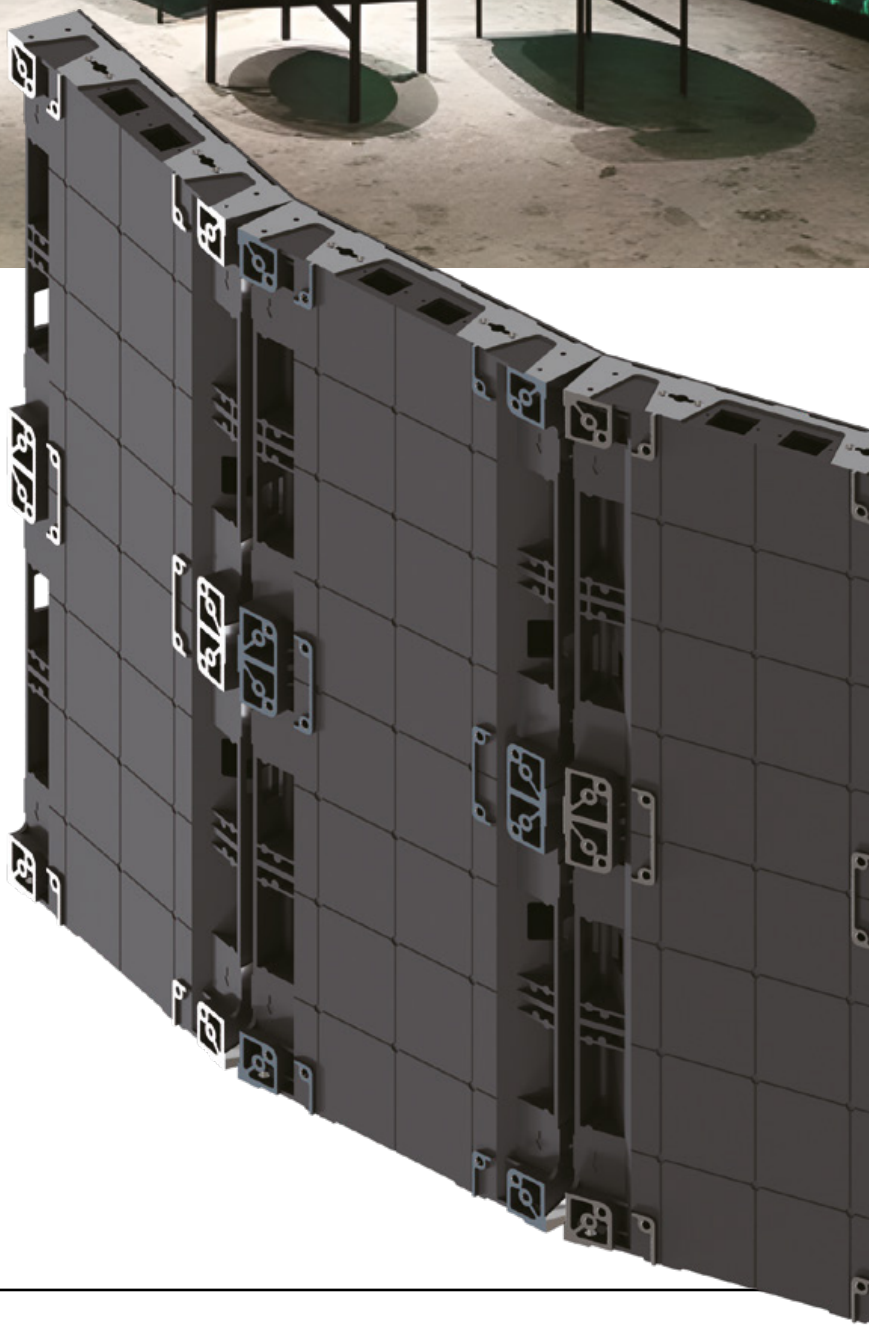
- **Cabinet Mixing**
- **Dual Backup**
- **Easy Maintenance**
- **Precision Engineering**

The OSIRIS Series is perfect for high-end fine pitch applications like immersive experiences, training rooms, security monitoring, command & control centres, video conferencing, radio and TV broadcasting, and other control room display uses.

Cabinet Sizes





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SPECIFICATIONS - OSIRIS SMD

Core Specifications				
Pixel Pitch	1.25	1.56	1.87	2.5
Pixel Configuration	SMD	SMD	SMD	SMD
Module Size (mm) (ft'in") (W×H)	N/A			
Module Resolution (pixels) (W×H)	N/A			
Cabinet Size (mm) (ft'in") (W×H×D)	300 x 675 x 58/ 0' 11.81" × 2' 2.57" × 0' 2.28"	300 x 675 x 58/ 0' 11.81" × 2' 2.57" × 0' 2.28"	300 x 675 x 58/ 0' 11.81" × 2' 2.57" × 0' 2.28"	300 x 675 x 58/ 0' 11.81" × 2' 2.57" × 0' 2.28"
Cabinet Resolution (pixels) (W×H)	240 x 540	192 x 432	160 x 360	120 x 270
Display Size (mm) (ft'in") (W×H×D)	N/A			
Display Resolution (pixels) (WxH)	N/A			
Display Diagonal (in)	N/A			
Weight (kg/m²) (lbs/ft²)	N/A			
Cabinet Weight (kg/lbs)	6.8 / 15	6.8 / 15	6.8 / 15	6.8 / 15
Maintenance	Front	Front	Front	Front
Brightness (nits)	800	800	800	1200
Contrast Ratio	10,000:1	10,000:1	10,000:1	10,000:1
Lifetime Hours ≥	100,000	100,000	100,000	100,000
Aspect Ratio	4:9	4:9	4:9	4:9
IP Rating	IP55	IP55	IP55	IP55
Technical Specifications				
Viewing Angle°	170/170	170/170	170/170	170/170
Grey Scale (bit)	14-16	14-16	14-16	14-16
Refresh Rate* (Hz)	3840	3840	3840	3840
Working Voltage	AC100-240V (50-60Hz)	AC100-240V (50-60Hz)	AC100-240V (50-60Hz)	AC100-240V (50-60Hz)
Scan Rate*	1\16	1\16	1\16	1\16
Operating Temperature (°C / °F)	0 to +40 / 32 to 104	0 to +40 / 32 to 104	0 to +40 / 32 to 104	0 to +40 / 32 to 104
Colour Temperature (K)	2000-12000	2000-12000	2000-12000	2000-12000
Operating Humidity (RH)	10% - 90%	10% - 90%	10% - 90%	10% - 90%
Maximum Power Consumption (W/m²) (W/ft²)	725 / 67.4	680 / 63.2	600 / 55.7	660 / 61.3
Average Power Consumption (W/m²) (W/ft²)	280 / 26	260 / 24.2	240 / 22.3	260 / 24.2

SPECIFICATIONS - OSIRIS COB

Core Specifications		
Pixel Pitch	1.25	1.56
Pixel Configuration	COB	COB
Module Size (mm) (ft'in") (W×H)	N/A	
Module Resolution (pixels) (W×H)	N/A	
Cabinet Size (mm) (ft'in") (W×H×D)	300 x 675 x 58 / 0' 11.81" × 2' 2.57" × 0' 2.28"	300 x 675 x 58 / 0' 11.81" × 2' 2.57" × 0' 2.28"
Cabinet Resolution (pixels) (W×H)	240 x 540	192 x 432
Display Size (mm) (ft'in") (W×H×D)	N/A	
Display Resolution (pixels) (WxH)	N/A	
Display Diagonal (in)	N/A	
Weight (kg/m²) (lbs/ft²)	N/A	
Cabinet Weight (kg/lbs)	6.8 / 15	6.8 / 15
Maintenance	Front	Front
Brightness (nits)	1000	1000
Contrast Ratio	100,000:1	100,000:1
Lifetime Hours ≥	100,000	100,000
Aspect Ratio	4:9	4:9
IP Rating	IP55	IP55
Technical Specifications		
Viewing Angle°	170/170	170/170
Grey Scale (bit)	14-16	14-16
Refresh Rate* (Hz)	3840	3840
Working Voltage	AC100-240V (50-60Hz)	AC100-240V (50-60Hz)
Scan Rate*	1\16	1\16
Operating Temperature (°C / °F)	0 to +40 / 32 to 104	0 to +40 / 32 to 104
Colour Temperature (K)	2000 - 12000	2000 - 12000
Operating Humidity (RH)	10% - 90%	10% - 90%
Maximum Power Consumption (W/m²) (W/ft²)	450 / 41.8	450 / 41.8
Average Power Consumption (W/m²) (W/ft²)	180 / 16.7	180 / 16.7

*All data contained is subject to change based on project requirements.
*Scan Rate and Refresh Rate subject to project specifications.
*Average power consumption is subject to display brightness and pixel configuration.

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LED display technology
for tomorrow's world.

Please contact us if you have any questions,
we're always happy to help

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