



# RUBIX

XR | BROADCAST | IMMERSIVE



## IMMERSIVE EXPERIENCE DISPLAY TECHNOLOGY

### WALL & FLOOR APPLICATIONS

The RUBIX display can be specified to create immersive experiences utilising the same cabinet infrastructure for both floor and wall use cases. With it's 1:1 aspect ratio, it allows for creative set-ups, even in tight spaces.

### COMMON CATHODE DIODE DRIVERS\*

Improve energy consumption and colour performance for immersive applications, XR & broadcast.

### GOB PIXEL PROTECTION TECHNOLOGY\*

Developed for resilience, GOB (Glue on Board) technology encapsulates pixels with a protective epoxy resin. This shielding not only safeguards pixels from external elements and impact but also reduces the risk of pixel failure, ensuring consistent performance over time.

Other benefits:



Improved heat dissipation



Improved viewing angles



Improved contrast



\*Note: GOB MUST be used for ALL floor applications.

\*Note: Common Cathode Diodes are an optional extra and must be specified.

\*Note: GOB will be quoted on all immersive experiences and is removed from specification at own risk.



SPECIFICATIONS							
Pixel Pitch (mm)	1.579	1.875	2.0	2.5	3.0	4.0	2.5 (High-Bright)
Module Size (W+H)	240x240mm 9.44x9.44in						
Module Resolution (W+H)	192x192	128x128	120x120	96x96	80x80	60x60	96x96
Cabinet Resolution (W+H)	304x304	256x256	240x240	192x192	160x160	120x120	192x192
Cabinet Size (W+H+D)	480x480x61mm 18.9x18.9x2.4in						
Cabinet Weight (kg/lbs)	7.5 / 16.53	8.5 / 18.74					
Module Flatness	≤0.1mm						
Brightness	800nits						3500nits
Colour Temperature	2000 ~ 12000K (adjustable)						
Viewing Angle (H/V)	160°						
Colour Uniformity	Within ±.003 Cx, Cy						
Max Contrast	≤4,000:1				≤5,000:1	≤4,000:1	
Max Power Consumption (W/m <sup>2</sup> / W/ft <sup>2</sup> )	≤600/55.74						≤800/74.32
Average Power Consumption (W/m <sup>2</sup> / W/ft <sup>2</sup> )	≤250/23.23						≤350/32.52
Working Voltage	AC100 ~ 240V (50~60Hz)						
Repetition Frequency	60FPS 120FPS(3D)						
Refresh Rate	Average: 1920Hz Max: 3840Hz						
Processing Colour	≤16bit						
Operating Temperature (°C / °F)	-20 ~ +60 / -4 ~ +140						
Operating Humidity	10% ~ 90%RH						
Service Life	≥100,000Hrs						
Maintenance Mode	Front maintenance						
Protection Grade	IP54/IP41						

\*Full IP protection is based on full GOB module coating and relates to front surface only.

\*All data contained is subject to change based on project requirements.



LED display technology  
for tomorrow's world. ↵

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

**[www.theledstudio.com](http://www.theledstudio.com)**  
**[sales@theledstudio.co.uk](mailto:sales@theledstudio.co.uk)**

**UK Showroom**

The Pavilion  
Merchant Square  
London, W2 1JZ  
United Kingdom

Tel: +44 (0) 20 3832 9500

**Head Office**

Cromwell Place  
Lime Tree Way  
Basingstoke, RG24 8YJ  
United Kingdom

Tel: +44 (0) 20 3852 9500

**EMEA Office**

169-171 Makarios III Avenue  
Cedars Oasis Tower  
3027, Limassol  
Cyprus

Tel: +357 9625 8848

**USA Office**

22 Boston Wharf Road,  
7th Floor,  
Boston, MA 02210  
United States

Tel: +1 (833) 533-7836

**USA Showroom**

123 Heiman Street, Suite 200,  
San Antonio,  
Texas 78205  
United States

Tel: +1 (833) 533-7836