



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



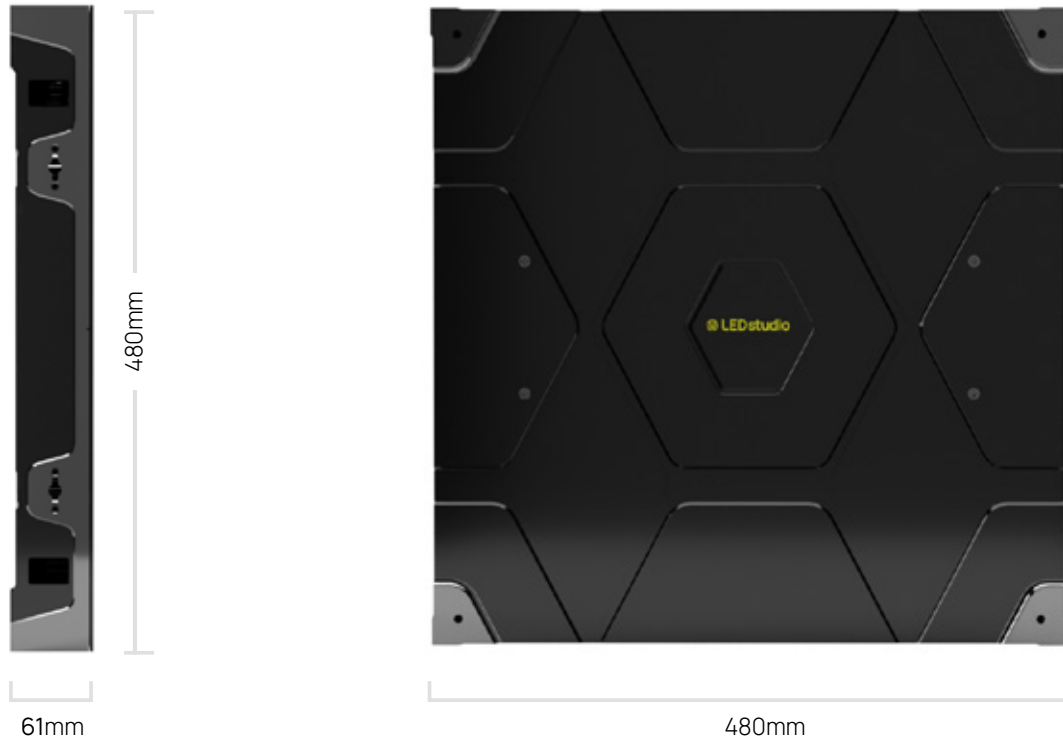
Improved contrast



*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 - RUBIX SMD Common Cathode

Core Specifications							
Pixel Pitch	1.58	1.87	2	2.5	3.0	4.0	2.5 (High Bright)
Pixel Configuration	SMD Common Cathode	SMD Common Cathode	SMD Common Cathode	SMD Common Cathode	SMD Common Cathode	SMD Common Cathode	SMD Common Cathode
Module Size (mm) (ft'in") (W×H)	240 x 240 / 0' 9.45" x 0' 9.45"	240 x 240 / 0' 9.45" x 0' 9.45"	240 x 240 / 0' 9.45" x 0' 9.45"	240 x 240 / 0' 9.45" x 0' 9.45"	240 x 240 / 0' 9.45" x 0' 9.45"	240 x 240 / 0' 9.45" x 0' 9.45"	240 x 240 / 0' 9.45" x 0' 9.45"
Module Resolution (pixels) (W×H)	192 x 192	128 x 128	120 x 120	96 x 96	80 x 80	60 x 60	96 x 96
Cabinet Size (mm) (ft'in") (W×H×D)	480 x 480 x 61 / 1' 6.90" x 1' 6.90" x 0' 2.40"	480 x 480 x 61 / 1' 6.90" x 1' 6.90" x 0' 2.40"	480 x 480 x 61 / 1' 6.90" x 1' 6.90" x 0' 2.40"	480 x 480 x 61 / 1' 6.90" x 1' 6.90" x 0' 2.40"	480 x 480 x 61 / 1' 6.90" x 1' 6.90" x 0' 2.40"	480 x 480 x 61 / 1' 6.90" x 1' 6.90" x 0' 2.40"	480 x 480 x 61 / 1' 6.90" x 1' 6.90" x 0' 2.40"
Cabinet Resolution (pixels) (W×H)	304 x 304	256 x 256	240 x 240	192 x 192	160 x 160	120 x 120	192 x 192
Display Size (mm) (ft'in") (W×H×D)	N/A						
Display Resolution (pixels) (W×H)	N/A						
Display Diagonal (in)	N/A						
Weight (kg/m ²) (lbs/ft ²)	N/A						
Cabinet Weight (kg/lbs)	7.5 / 16.5	8.5 / 18.7	8.5 / 18.7	8.5 / 18.7	8.5 / 18.7	8.5 / 18.7	8.5 / 18.7
Maintenance	Front	Front	Front	Front	Front	Front	Front
Brightness (nits)	800	800	800	800	800	800	3500
Contrast Ratio	4000:1	4000:1	4000:1	4000:1	5000:1	4000:1	4000:1
Lifetime Hours ≥	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Aspect Ratio	1:1	1:1	1:1	1:1	1:1	1:1	1:1
IP Rating	IP54 / IP41	IP54 / IP41	IP54 / IP41	IP54 / IP41	IP54 / IP41	IP54 / IP41	IP54 / IP41
Technical Specifications							
Viewing Angle°	160	160	160	160	160	160	160
Grey Scale (bit)	16	16	16	16	16	16	16
Refresh Rate* (Hz)	3840	3840	3840	3840	3840	3840	3840
Working Voltage	<p style="text-align: center;">For full specifications, contact us at: sales@theledstudio.com +44 (0) 20 3832 9500</p>						
Scan Rate*							
Operating Temperature (°C / °F)							
Colour Temperature (K)							
Operating Humidity (RH)							
Maximum Power Consumption (W/m ²) (W/ft ²)							
Average Power Consumption (W/m ²) (W/ft ²)							

*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.

*Average power consumption is subject to display brightness and pixel configuration.

*Scan Rate and Refresh Rate subject to project specifications.

Contact us: +44 (0)20 3832 9500

www.theledstudio.com

Version 1.2

 **LEDstudio**



LED display technology
for tomorrow's world. ↵

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

www.theledstudio.com
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