

# Specifications

Ruby	RB1.2
Pixel Pitch	1.25mm
Max Brightness Calibrated	800nits
Panel Dimension	500mm x 500mm x 73mm 19.7" x 19.7" x 2.87"
Panel Resolution (H x V)	400 x 400
Panel Weight	9.3kg; 20.50lbs (Estimated)
Power Consumption Max / Average	210W / 105W
BTU Max / Average	715 / 330
Transparency	Solid
Serviceability	Front / Rear
Curving (Concave & Convex) *1	Concave 5°~Convex 3°
Max. Hanging (panels) *2	20
Max. Stacking (panels) *3	12
LED Configuration	4IN1
Viewing Angle Horizontal	140°
Viewing Angle Vertical	140°
Scan Ratio	1/20
Refresh Rate	3840Hz
Gray Scale	16bit
Frame Material	Magnesium Alloy
Processing Platform	MVR / Brompton
Operational Temp / Humidity	-20°~45°C, 10~90%RH -4°~113°F, 10~90%RH
Storage Temp / Humidity	-40°~60°C, 10~90%RH -40°~140°F, 10~90%RH
IP Rating	Indoor
Certifications	CE, ETL, FCC, RoHS
3D Ready	Yes

\*Notes: The Specifications are for reference, actual values may vary.

1. Convex curving ability only applies to custom tiles.
2. The max. hanging amount is only valid when the ROE Visual hanging bar and complementary accessories are used and in an indoor situation, safety factor is 8. No climbing is allowed.
3. The max. stacking amount is only valid when the ROE Visual stacking system and complementary accessories are used, sufficient ballast is applied and in an indoor situation. No climbing is allowed.



[www.roevisual.com](http://www.roevisual.com)