

Specifications

Ruby	RB1.5F	RB1.9F
Pixel Pitch	1.56mm	1.95mm
Max Brightness Calibrated	1000nits	1100nits
Panel Dimension	500mm x 500mm x 71mm 19.7" x 19.7" x 2.8"	500mm x 500mm x 70mm 19.7" x 19.7" x 2.76"
Panel Resolution (H x V)	320 x 320	256 x 256
Panel Weight	9.06kg; 19.97lbs	8.6kg; 18.96lbs
Power Consumption Max / Average	240W / 120W	240W / 120W
BTU Max / Average	819 / 377	819 / 377
Transparency	Solid	Solid
Serviceability	Front / Rear	Front / Rear
Curving (Concave & Convex) *1	Concave 5°-Convex 3°	Concave 5°-Convex 3°
Max. Hanging (panels) *2	20	20
Max. Stacking (panels) *3	10	10
LED Configuration	1010 flip chip	1010 flip chip
Viewing Angle Horizontal	140°	140°
Viewing Angle Vertical	140°	140°
Scan Ratio	1/10	1/8
Refresh Rate	7680Hz	7680Hz
Gray Scale	16bit	16bit
Frame Material	Magnesium Alloy	Magnesium Alloy
Processing Platform	MVR / Brompton	MVR / Brompton
Operational Temp / Humidity	-20°-45°C, 10-90%RH -4°-113°F, 10-90%RH	-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	-40°-60°C, 10-90%RH -40°-140°F, 10-90%RH
IP Rating	Indoor	Indoor
Certifications	CE, ETL, FCC, RoHS	CE, ETL, FCC, RoHS
3D Ready	Yes	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.



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