

Specifications

Ruby	RB1.5F V2	RB2.6F
Pixel Pitch	1.56mm	2.604mm
Max Brightness Calibrated	1000nits	2500nits
Panel Dimension	500mm x 500mm x 73mm 19.7" x 19.7" x 2.87"	500mm x 500mm x 73mm 19.7" x 19.7" x 2.87"
Panel Resolution (H x V)	320 x 320	192 x 192
Panel Weight	9.06kg; 19.97lbs	8.02kg; 17.68lbs
Power Consumption Max / Average	240W / 120W	210W / 105W
BTU Max / Average	820 / 375	715 / 330
Transparency	Solid	Solid
Serviceability	Front / Rear	Front / Rear
Curving (Concave & Convex) *1	Concave 5°-Convex 3°	Concave 5°-Convex 5°
Max. Hanging (panels) *2	20	20
Max. Stacking (panels) *3	12	12
LED Configuration	1010 flip chip	1515 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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Specifications

Ruby	RB1.9B V2
Pixel Pitch	1.95mm
Max Brightness Calibrated	1500nits
Panel Dimension	500mm x 500mm x 73mm 19.7" x 19.7" x 2.87"
Panel Resolution (H x V)	256 x 256
Panel Weight	9.2kg; 20.29lbs
Power Consumption Max / Average	160W / 80W
BTU Max / Average	545 / 250
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	SMD1212 Black
Viewing Angle Horizontal	140°
Viewing Angle Vertical	140°
Scan Ratio	1/8
Refresh Rate	7680Hz
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.



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Specifications

Ruby	RB1.5	RB2.3
Pixel Pitch	1.56mm	2.31mm
Max Brightness Calibrated	800nits	1500nits
Panel Dimension	500mm x 500mm x 73mm 19.7" x 19.7" x 2.87"	500mm x 500mm x 73mm 19.7" x 19.7" x 2.87"
Panel Resolution (H x V)	320 x 320	216 x 216
Panel Weight	8.16kg; 17.99lbs	8.16kg; 17.99lbs
Power Consumption Max / Average	210W / 105W	180W / 90W
BTU Max / Average	715 / 330	615 / 280
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	12	12
LED Configuration	4 in 1 common cathode	4 in 1 common cathode
Viewing Angle Horizontal	140°	140°
Viewing Angle Vertical	140°	140°
Scan Ratio	1/16	1/12
Refresh Rate	3840Hz	3840Hz
Gray Scale	14bit	15bit
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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Specifications

Ruby-C	RB-C 2.3
Pixel Pitch	2.31mm
Max Brightness Calibrated	1500nits
Panel Dimension	500mm x 500mm x 100mm 19.7" x 19.7" x 3.94"
Panel Resolution (H x V)	216 x 216
Panel Weight	7.4kg / 16.31lbs
Power Consumption Max / Average	180W / 90W
BTU Max / Average	615 / 280
Transparency	Solid
Serviceability	Rear
Curving (Concave & Convex) *1	Concave 30°-Convex 30° (Minimum adjusting angle by 3 degrees)
Max. Hanging (panels) *2	20
Max. Stacking (panels)	12
LED Configuration	4 in 1 common cathode
Viewing Angle Horizontal	140°
Viewing Angle Vertical	140°
Scan Ratio	1/12
Refresh Rate	3840Hz
Gray Scale	15bit
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

*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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