

Specifications

Black Pearl	BP2 V1	BP2 V2
Pixel Pitch	2.84mm	2.84mm
Max Brightness Calibrated	1500nits	1500nits
Panel Dimension	500mm x 500mm x 90mm 19.69" x 19.69" x 3.54"	500mm x 500mm x 90mm 19.69" x 19.69" x 3.54"
Panel Resolution (H x V)	176 x 176	176 x 176
Panel Weight	9.35kg; 20.61lbs	9.35kg; 20.61lbs
Power Consumption Max / Average	160W / 80W	190W / 95W
BTU Max / Average	550 / 250	630 / 300
Transparency	Solid	Solid
Serviceability	Front	Front
Curving (Concave & Convex) *1	Concave 10°-Convex 10°	Concave 10°
Max. Hanging (panels) *2	20	20
Max. Stacking (panels) *3	12	12
LED Configuration	SMD 1515 Black	SMD 1515 Black
Viewing Angle Horizontal	140°	140°
Viewing Angle Vertical	140°	140°
Scan Ratio	1/11	1/8
Refresh Rate	1920Hz	7680Hz
Gray Scale	14bit	16bit
Frame Material	Magnesium Alloy	Magnesium Alloy
Processing Platform	Brompton / Evision / MVR	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	CE, ETL, FCC

*Note: 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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