

# Specifications

Carbon	CB3	CB5	CB5	CB8
Pixel Pitch	3.75mm	5.77mm	5.77mm	8.33mm
Max Brightness Calibrated	1500nits	6000nits	4500nits	5000nits
Panel Dimensions	600mm x 1200mm x 77mm 23.6" x 47.2" x 3.0"	600mm x 1200mm x 77mm 23.6" x 47.2" x 3.0"	600mm x 1200mm x 77mm 23.6" x 47.2" x 3.0"	600mm x 1200mm x 72mm 23.6" x 47.2" x 2.8"
Panel Resolution (H x V)	160 x 320	104 x 208	104 x 208	72 x 144
Panel Weight	13.2kg; 29.10lbs	13.85kg; 30.53lbs	13.85kg; 30.53lbs	12.68kg; 27.96lbs
Power Consumption Max / Average	540W / 270W	500W / 250W	650W / 330W	430W / 220W
BTU Max / Average	1843 / 847	1706 / 785	2218 / 1020	1467 / 675
Transparency	Solid	Solid	Solid	Solid
Serviceability	No	No	No	No
Curving (Concave & Convex)*1	Concave 15°-Convex 10°	Concave 15°-Convex 10°	Concave 15°-Convex 10°	Concave 15°-Convex 10°
Max. Hanging (panels) *2	12	12	12	12
Max. Stacking (panels) *3	5	5	5	5
LED Configuration	SMD 2020 Black	SMD 1921 White	SMD 1921 Black HB	SMD 2727 White
Viewing Angle Horizontal	140°	140°	140°	140°
Viewing Angle Vertical	140°	110°	110°	110°
Scan Ratio	1/16	1/4	1/4	1/6
Refresh Rate	1920Hz	3840Hz	3840Hz	3840Hz
Gray Scale	16bit	16bit	16bit	16bit
Processing Platform	Brompton / MVR / Evision	Brompton / MVR / Evision	Brompton / MVR / Evision	Brompton / Evision
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	-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	-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	Outdoor	Outdoor	Outdoor
Certifications	CE, ETL, FCC, ROHS	CE, ETL, FCC	CE, ETL, FCC	CE, ETL, FCC, ROHS

\*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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