

# Specifications

Carbon MarkII	CB3 MKII	CB5 MKII	CB8 MKII
Pixel Pitch	3.75mm	5.77mm	8.33mm
Max Brightness Calibrated	4500nits (black)	6000nits	6000nits
Panel Dimension	600mm x 1200mm x 79mm 23.6" x 47.2" x 3.1"	600mm x 1200mm x 79mm 23.6" x 47.2" x 3.1"	600mm x 1200mm x 79mm 23.6" x 47.2" x 3.1"
Panel Resolution (H x V)	160 x 320	104 x 208	72 x 144
Panel Weight	14kg / 31lbs	12.2kg / 26.8lbs	11kg / 24.3lbs
Power Consumption Max / Average	600W / 300W	480W / 240W	/
BTU Max / Average	2050 / 1025	1640 / 755	/
Transparency	Solid	Solid	23%
Serviceability	Front / Rear	Front / Rear	Front / Rear
Curving (Concave & Convex)*1	Concave 15°-Convex 10°	Concave 15°-Convex 10°	Concave 15°-Convex 10°
Max. Hanging (panels)*2	12	12	12
Max. Stacking (panels)*3	5	5	5
LED Configuration	SMD 1515 black	SMD 1921 white	SMD 1921 white
Viewing Angle Horizontal	140°	140°	140°
Viewing Angle Vertical	110°	110°	110°
Refresh Rate	3840Hz	7680Hz	3840Hz
Gray Scale	16bit	14bit	14bit
Frame Material	Carbon Fiber + Magnesium Alloy	Carbon Fiber + Magnesium Alloy	Carbon Fiber + Magnesium Alloy
Processing Platform	Brompton / MVR / Evision	Brompton / MVR / Evision	Brompton / MVR / 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
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
IP Rating (Front / Rear)	IP65	IP65	IP65
Certifications	CE, ETL, FCC, UKCA	CE, ETL, FCC, UKCA	CE, ETL, FCC, UKCA

\*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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