

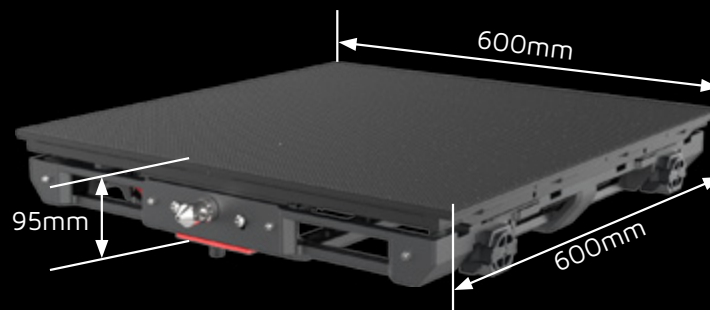
# Specifications

Module	MC-5H	MC-7H	MC-9H	MC-12H	MC-18H
Pixel Pitch	5.77mm	7.5mm	9.38mm	12.5mm	18.75mm
Max. Brightness Calibrated	5,000nits 6,000nits	5,000nits 5,000nits(HB)	5,500nits	6,000nits	4,800nits
Panel Dimension (Light Frame)	600 x 600 x 89mm 23.6" x 23.6" x 3.5"	600 x 1200 x 85mm 23.6" x 47.2" x 3.3"	600 x 1200 x 85mm 23.6" x 47.2" x 3.3"	600 x 1200 x 85mm 23.6" x 47.2" x 3.3"	600 x 1200 x 85mm 23.6" x 47.2" x 3.3"
Panel Dimension (Touring Frame)	600 x 600 x 95mm 23.6" x 23.6" x 3.7"	600 x 1200 x 95mm 23.6" x 47.2" x 3.7"	600 x 1200 x 95mm 23.6" x 47.2" x 3.7"	600 x 1200 x 95mm 23.6" x 47.2" x 3.7"	600 x 1200 x 95mm 23.6" x 47.2" x 3.7"
Panel Resolution (H x V)	104 x 104	80 x 80	64 x 64	48 x 48	32 x 32
Weight Per Panel (Light Frame)	/	9.52kg; 20.99lbs 10.39kg; 22.91lbs(HB)	7.99kg; 17.62lbs	7.49kg; 16.51lbs	6.99kg; 15.41lbs
Weight Per Panel (Touring Frame)	17kg; 37.48lbs	14.80kg; 32.63lbs 15.67kg; 34.55lbs(HB)	13.30kg; 29.32lbs	12.80kg; 28.22lbs	12.15kg; 26.79lbs
Power Consumption Max/Average	400W / 200W 280W / 140W	300W / 150W 420W / 210W(HB)	320W / 160W	320W / 160W	250W / 125W
Transparency	Solid	Solid	17%	21%	37%
Serviceability	No	No	No	No	No
Curving (Concave & Convex)	Concave 10°-Convex 10°	Concave 10°-Convex 10°	Concave 10°-Convex 10°	Concave 10°-Convex 10°	Concave 10°-Convex 10°
Max. Hanging (panels)	20	20	20	20	20
Max. Stacking (panels)	8	8	8	8	8
LED Configuration	SMD 2727 Black HB SMD 2727 White	SMD 2727 White SMD 3535 Black(HB)	SMD 3535 White	SMD 3535 White	SMD 3535 White
Viewing Angle Vertical	120°	120°	120°	120°	120°
Viewing Angle Horizontal	140°	140°	140°	140°	140°
Multiplexing	4	5	4	Static	Static
Refresh Rate	3840Hz	2000Hz	3500Hz	4000Hz	4000Hz
Gray Scale	16bit	16bit	16bit	16bit	16bit
Frame Material	Magnesium Alloy	Magnesium Alloy	Magnesium Alloy	Magnesium Alloy	Magnesium Alloy
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	-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	-40°~ 60°C, 10-90% RH -40°~140°F, 10-90% RH
IP Rating	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Certifications	CE, ETL, FCC, ROHS	CE, ETL	CE, ETL	CE, ETL	CE, ETL

\*Notes:

1. 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 5. No climbing is allowed.
2. 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.

## Dimensions



[www.roevisual.com](http://www.roevisual.com)

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