

	Specification	M-390Pro (500*500)	M-390Pro (500*1000)
Module	Pixel Pitch (mm)	3.91	3.91
	LED Configuration	SMD1921(MBI5268 NH-Z1921RGBA-SG)	SMD1921(MBI5268 NH-Z1921RGBA-SG)
	IC	MBI5268	MBI5268
	Module Resolution (WxH)	64x128	64x128
	Pixel Quantity	8192	8192
	Module Size (mm)	250 x 500	250 x 500
	Module Weight	1.29kg	1.29kg
Panel	Module Quantity	2 x 1	2 x 2
	Panel Resolution (WxH)	128x128	128x256
	Pixel Quantity	16384	32768
	Pixel Density (dots/m ²)	65536	65536
	Panel Size (mm)	500 x 500 x 80	500 x 1,000 x 80
	Panel Weight	9.5kg	13.5kg
	Panel Material	Die casting aluminum	Diecast Aluminum
	Curvature	±10°/±5°	±10°/±5°
	Panel Acreage (m ²)	0.25	0.50
	Surface Flatness (mm)	±0.1	±0.1
Optical	Brightness (adjustable)	4,500 nits	4,500 nits
	Color Temperature (adjustable)	6,000 ~9,000K	6,000 ~9,000K
	Viewing Angle (H/V)	140° / 140°	140° / 140°
	Optimal Viewing Distance	≥3.9 m; 10 ft	≥3.9 m; 10 ft
	Pixel Distance Deviation	<3%	<3%
	Brightness Uniformity	≥98%	≥98%
	Color Uniformity	±0.0035 Cx,Cy	±0.0035 Cx,Cy
Electric	Max. Power	≤735W/m ²	≤735W/m ²
	Avg. Power	≤245W/m ²	≤245W/m ²
	Voltage	110~220V AC	100 ~240V AC
	Input Power	960W/m ²	960W/m ²
Processing	Receiving Card	ColorLight I9+	ColorLight I9+
	HDR	ColorLight I9+	ColorLight I9+
	Drive Mode	HDR10-Optima & HLG	HDR10-Optima & HLG
	Scan Mode	1/16s	1/16s
	Frequency	50/60Hz	50/60Hz
	Refresh Rate	≥3,840Hz	≥3,840Hz
Application	Grayscale	14bit	14bit
	Working Temperature	-20°C ~+50°C	-20°C ~+50°C
	Working Humidity	10% ~90%RH	10% ~90%RH
	Lifespan	≥100,000 hrs	≥100,000 hrs
	Maintenance	Front/Back	Front/Back
	IP Rating (front/back)	IP65/IP54	IP65/IP54
	Certification	CE/FCC/ETL	CE/FCC/ETL