

PHYSICAL PARAMETERS

Pixel Configuration	3 in 1
Pixel Pitch (mm)	2.6
Module Resolution (W × H)	96 × 96
Module Dimensions (W × H, mm)	250 × 250
Weight per Module (kg)	0.81
No. of Modules per Cabinet (W × H)	2 × 2
Cabinet Resolution (W × H)	192 × 192
Cabinet Dimensions (W × H × D, mm)	500 × 500 × 82
Cabinet Surface Area (m²)	0.25
Weight per Cabinet (kg/unit)	7.6
Weight per Square Meter (kg/m²)	30.4
Physical Pixel Density (pixels/m²)	147,456
Flatness of Cabinet (mm)	±0.3
Cabinet Material	Die-casting Magnesium
Service Access	Front and Rear

OPTICAL SPECIFICATIONS

Max. Brightness (After Calibration, nit)	5,500
Color Temperature (K)	3,200-9,300

Visual Viewing Angle (H × V)	160 × 160
Brightness Uniformity	0.97
Color Uniformity	±0.003 Cx, Cy
Contrast Ratio	10,000 : 1
Processing Depth (bit)	15 (HDR10, HDR10 Pro)

ELECTRICAL SPECIFICATIONS

Power Consumption (W/Cabinet, Max.)	180
Power Consumption (W/Cabinet, Avg.)	60
Power Consumption (W/m², Max.)	720
Heat Dissipation (BTU/h/Cabinet, Max.)	614
Heat Dissipation (BTU/h/Cabinet, Avg.)	205
Heat Dissipation (BTU/h/m², Max.)	2,456
Power Supply (V)	100 to 240
Frame Rate (Hz)	50 / 60
Refresh Rate (Hz)	3,840

OPERATION SPECIFICATIONS

LED Lifetime (Half brightness)	100,000(-GP) / 50,000(-KK)
Operating Temperature (°C)	-30 to +50
Operating Humidity	10-99% RH

IP Rating Front / Rear	IP65 / IP65
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STANDARD

Certification	CE, FCC, ETL
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Certification (Fire Protection)	BS476 Class 1
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ENVIRONMENT

Environment	RoHS, REACH
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CONTROLLER

Controller	CVCA
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