

PHYSICAL PARAMETERS

Pixel Configuration	3 in 1 SMD
Pixel Pitch (mm)	1.953
Module Resolution (W × H)	128 × 128
Module Dimensions (W × H, mm)	250 × 250
Weight per Module (kg, ±0.003 kg)	0.70
No. of Modules per Cabinet (W × H)	2 × 4
Cabinet Resolution (W × H)	256 × 512
Cabinet Dimensions (W × H × D, mm)	500 × 1,000 × 68
Cabinet Surface Area (m²)	0.500
Weight per Cabinet (kg/Cabinet)	12.0
Weight per Square Meter (kg/m²)	24.0
Physical Pixel Density (pixels/m²)	262,144
Flatness of Cabinet (mm)	0.5
Cabinet Material	Die Casting Aluminum
Service Access	Front or Rear

OPTICAL SPECIFICATIONS

Max. Brightness (After Calibration)	800
Color Temperature (K)	3,200-9,300

Visual Viewing Angle (H × V)	160 × 140
Brightness Uniformity	97%
Color Uniformity	±0.003 Cx,Cy
Contrast Ratio (Typ.)	5,000 : 1
Processing Depth (bit)	16 (HDR10, HDR10 Pro)

ELECTRICAL SPECIFICATIONS

Power Consumption (W/Cabinet, Max.)	300
Power Consumption (W/Cabinet, Avg.)	100
Power Consumption (W/m², Max.)	600
Power Consumption (BTU/Cabinet, Max.)	1,024
Power Consumption (BTU/Cabinet, Avg.)	341
Power Consumption (BTU/m², Max.)	2,047
Power Supply (V)	100 to 240
Frame Rate (Hz)	50 / 60
Refresh Rate (Hz)	≥3,840

OPERATION SPECIFICATIONS

Lifetime (Half brightness)	100,000
Operating Temperature (°C)	-20 to +40
Operating Humidity	10-90% RH

IP Rating Front / Rear

IP5X / IP5X