

SPECIFICATIONS

LAD033F

Optical Parameters	Pitch	3.3 mm
	LED Type	SMD
	Pixels per LED Module	8,640
	Aspect Ratio (per Cabinet)	64 : 90
	Resolution (per Cabinet)	192 × 270
	Pixels (per Cabinet)	51,840
	Pixel Density (per SQM)	90,000
	Frame (Video) Rate	24 Hz, 25 Hz, 30 Hz, 48 Hz, 50 Hz, 60 Hz
	Brightness (After Calibration)	48 nit (DCI-compliant)
	Contrast Ratio	4000 : 1 (Minimum)
	Color Space (Gamut)	DCI - P3 (DCI-compliant)
	Viewing Angle (Horizontal, Vertical)	120°, 120°
	Color Depth	12 Bit (DCI-compliant)
	Chromaticity Uniformity	In case of White : Within ±0.015 x, ±0.015 y
	Color Temperature (White)	(x, y) = (0.314, 0.351) / DCI-P3 Theater
	Color Temperature (R, G, B)	DCI-P3 theater R: (x, y) = (0.68, 0.32) G: (x, y) = (0.265, 0.690) B: (x, y) = (0.15, 0.06)
	Lifetime	100,000 Hours (LED to Half Brightness)
	Operation Hours	16 Hours per Day / 7 Days per Week
Physical / Electrical Parameters	Modules (per Cabinet)	6 (2 × 3)
	Dimension (LDM)	320 mm × 300 mm
	Dimension (per Cabinet)	640 mm × 900 mm × 124 mm (Including Handle)
	Dimension (4K, Total)	14,080 mm × 7,200 mm (101 sqm)
	Dimension (4K, Active Area)	13,653 mm × 7,200 mm (98 sqm)
	Weight (per Cabinet)	15 kg
	Weight (4K, Total)	2,640 kg
	Material of Cabinet Body	Aluminum
	Heat Generation (per Cabinet)	221 BTU (Max.) / 73 BTU (Typ.)
	Serviceability	Rear only
	Power Supply	AC100-240 V ~, 50/60 Hz
	Power Type	Built-in Power
	Power Consumption (Max, per Cabinet)	90 watt (Main) / 52 watt (Secondary)
	Power Consumption (Max, 4K)	9,260 W
	Certification	DCI, CB, CE-LVD/EMC, FCC, ETL/UL, RoHS, REACH
	Supported Media Server	Dolby® IMS3000
	Interface	RJ45
	Operation Temperature	0°C to 40°C
	Operation Humidity	10% to 80%
	Storage Temperature	-20°C to 60°C (-4°F to 140°F)
	Storage Humidity	5% to 85%

* Specifications are subject to change without notice, so please contact LG sales team to verify before ordering.



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