

LG Miraclass

Cinema Experience Redefined

LAD033F



Sharp Contrast
Ratio



Vivid and
Expressive Colors



3D Viewing
Available



Media Server
Compatibility



Discover New Depths with True Black Immersion

With its series of individual, self-emissive LEDs, the LED screen of LG Miraclass adds extra depth to the dark end of the spectrum. This results in distinctive and eye-catching contrast, taking the viewing experience to a whole new level.



Feast Your Eyes on a Festival of Color

With 24-bit color processing, capable of displaying 68.7 billion color variants, the LG Miraclass reproduces DCI-P3 colors just as the content creators intended. From elegant dark tones to vibrant primary colors and warm earthy hues, movie goers can enjoy a chromatic viewing experience unlike any other.



Brightness Brings Detail to Life

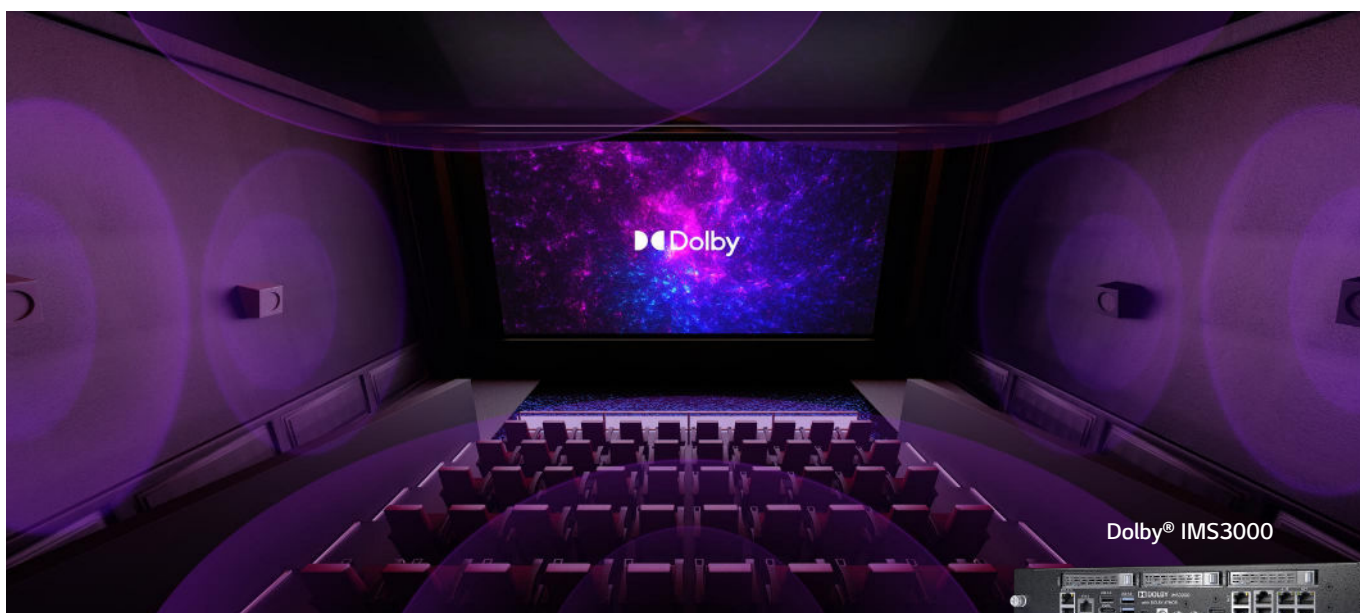
Unlike standard projectors, which use a single light source, the LG Miraclass is made up of self-emissive LEDs working independently. The result is bright and brilliant picture quality, with no corner dimming or image distortion. From top to bottom, enjoy clear and consistent image representation.



Take Picture Quality to Another Dimension

3D imaging from LG Miraclass provides superior visuals. With consistent brightness and clarity from corner to corner of the screen, audiences can fully immerse themselves in the 3D viewing experience, wherever they sit.

* 3D active glasses (Volfoni, XpanD) are required.



Dolby-Compatible LED Screen

The new LG Miraclass can be quickly and seamlessly integrated into theaters, thanks to its compatibility with Dolby, a global leader in the entertainment industry. Dolby IMS supports stable and professional content operation, while the combination of Dolby Atmos sound and LG picture quality makes movies truly memorable.

* Dolby, Dolby Atmos and the double-D symbol are registered trademarks of Dolby Laboratories.

SCREEN CONFIGURATION

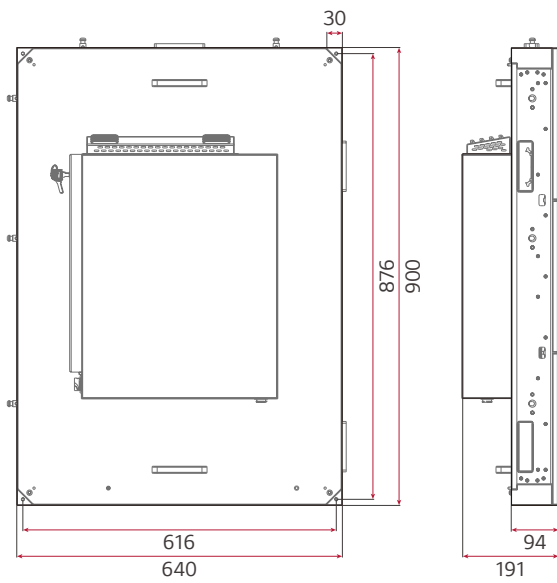
4K Screen (176 Cabinets)

14 m × 7.2 m (101 sqm)

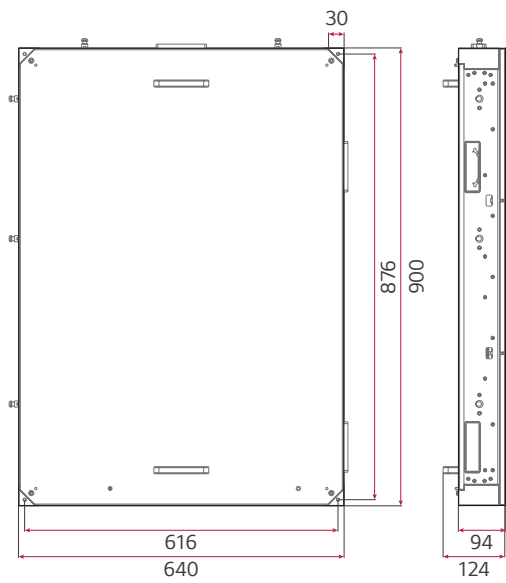


CABINET DIMENSION

Main Cabinet



Secondary Cabinet



SPECIFICATIONS

LAD033F

Pixel	Pitch (mm)	3.3
	LED Type	SMD
	Lifetime (Typical)	100,000 Hours
Cabinet	Modules (W × H, ea)	6 (2×3)
	Resolution (W × H, px)	192 × 270
	Material	Iron & Aluminum
	Dimension (W × H × D, mm)	Main : 640 × 900 × 94 (191 w/Back Cover) Secondary : 640 × 900 × 94 (124 w/Handle)
	Weight (kg)	Main Cabinet : 25 Secondary : 15
	Power Consumption Typical (watts, 48 nit)	Main : 90 Secondary : 52
	Power Consumption (watts, 300 nit)	N/A
	Service Access	Rear Only
Set	Pixels (W × H, Native)	4,224 × 2,160
	Resolution (W × H, Active Area)	4,096 × 2,160
	Pixel Density (px/SQM)	90,000
	Cabinets (W × H, ea)	176 (22 × 8)
	Dimension (W × H, mm)	14,080 × 7,200 (101 sqm)
	Weight (kg)	2,650
	Power Supply	AC100-240 V ~, 50/60 Hz
	Power Type	Built-in Power
	Power Consumption Typical (watts, 48 nit)	9,260
	Power Consumption (watts, 300 nit)	N/A
	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%
General	Frame (Video) Rate (Hz)	24, 25, 30, 48, 50, 60 @ 2D / 24 + 24 @ 3D
	Refresh Rate (@ 24 Hz)	3,072
	Brightness (nit, w/Calibration)	48 (DCI)
	Contrast Ratio	≥4000:1
	Color Space (Gamut)	DCI P3
	Viewing Angle (H × V)	120 × 120
	Bit Rate (Greyscale Depth)	16 bit
	Bit Rate (Color Processing / Color)	15 (45 / Total)
	Chromaticity Uniformity	White Uniformity : within ±0.015 x, ±0.015 y
	Color Temperature (White)	(x, y) = (0.314, 0.351) / DCI-P3 Theater
	Certification	DCI, CB, CE-LVD/EMC, FCC, ETL/UL, RoHS, REACH
	Cinema Server Compatibility	Dolby IMS3-L
	Interface	RJ45, HDMI (On IMS Server)

* Specifications are subject to change without notice. Please make sure to check the product manual for details about product usage.



Download
LG C-Display+
Mobile App

Google Play Store

www.lg.com/global/business/information-display
www.youtube.com/c/LGCommercialDisplay
www.facebook.com/LGInformationDisplay
www.linkedin.com/company/LGinformationdisplay
twitter.com/LG_ID_HQ

LG may make changes to specifications and product descriptions without notice. Copyright © 2023 LG Electronics Inc. All rights reserved. "LG Life's Good" is a registered trademark of LG Corp. The names of products and brands mentioned here may be the trademarks of their respective owners.