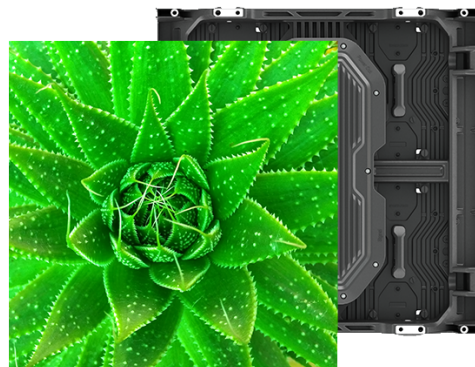




# Planar LU0-1.5

## Outdoor LED Video Wall

Planar® Luminate™ Ultra Series LU0-1.5 is an outdoor high-brightness LED video wall display with a fine 1.5mm pixel pitch for up-close viewing even in direct sunlight. It is IP65 rated for outdoor use and features front or rear service access, easily facilitating applications from transportation and retail signage to company picnics and poolside cinema.



SPECIFICATION	DETAIL
Model	LU0-1.5
Pixel Pitch	1.5
Pixel Pitch (mm)	1.50
LED Type	1010
LED Package	SMD
Driver IC	2153
Cabinet Size (W x H x D)	19.69" x 19.69" x 3.51" (500 x 500 x 89.1 mm)
Cabinet Diagonal	27.83" (707.10mm)
Cabinet Area (m2)	0.25
Cabinet Resolution	320x320
LEDs per Cabinet	102,400
Pixel Density (/m2)	409,600
Modules/Cabinet (W x H)	2X2
Module Resolution	160x160
LEDs per Module	25,600
Module Size (W x H)	250 x 250 mm
Power Consumption, Maximum (watts)	160
Line Voltage	100~240v AC, 50/60Hz
Cabinet Weight (per display)	19.84Lbs 9KG
Cabinet Weight (per m <sup>2</sup> )	79.36lbs 36KG
Brightness Max, Calibration On (cd/sq)	3500

<b>Supported Frame rate</b>	60Hz
<b>Color Temperature(K)</b>	8000-9000 adjustable
<b>Chromaticity Uniformity</b>	±0.003 Cx, CY
<b>Luminance Variation (Uniformity – White)</b>	97%
<b>Contrast Ratio</b>	5000:1
<b>Viewing Angle (50% of brightness)</b>	>160° horizontal; >160° vertical
<b>Mounting Orientation</b>	Wall, Faceted, hanging, stacking
<b>Module Replacement</b>	Front or rear
<b>Other Wall components replacement</b>	Front and Rear
<b>Front Access Install/Service</b>	Yes
<b>Refresh Rate</b>	2880-3840Hz
<b>Protective Coating</b>	GOB
<b>LED Lifetime (Half Brightness)</b>	100,000 hours
<b>Operating Temperature/Humidity (degrees F/C, relative humidity)</b>	-20° to 50° C   -4° to 122° F (10-80% RH, non-condensing)
<b>Storage Temperature/Humidity (degrees F/C, relative humidity)</b>	-35° to 60° C   -31° to 140° F (10-85% RH, non-condensing)
<b>IP Rating</b>	65 front and back
<b>MTBF</b>	100000

For more information, please visit [www.planar.com](http://www.planar.com)

*Specifications are subject to change without notice.*

*Specification Report Date: 12/7/2022*

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