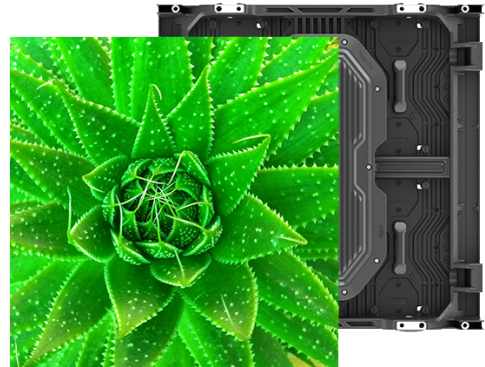




Planar LUO-1.9

Outdoor LED Video Wall

Planar® Luminate™ Ultra Series LUO-1.9 is an outdoor high-brightness LED video wall display with a fine 1.9mm 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	LUO-1.9
Pixel Pitch	1.9
Pixel Pitch (mm)	1.90
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	256x256
LEDs per Cabinet	65,536
Pixel Density (/m2)	262,144
Modules/Cabinet (WxH)	2X2
Module Resolution	128X128
LEDs per Module	16,384
Module Size (W x H)	250 x 250 mm
Power Consumption, Maximum (watts)	140
Line Voltage	100~240v AC, 50/60Hz
Cabinet Weight (per display)	19.84Lbs 9KG
Cabinet Weight (per m ²)	79.36lbs 36KG
Brightness Max, Calibration On (cd/sq)	3500

Supported Frame rate	60Hz
Color Temperature(K)	8500
Chromaticity Uniformity	±0.003 Cx, CY
Luminance Variation (Uniformity – White)	97%
Contrast Ratio	5000:1
Viewing Angle (50% of brightness)	>160° horizontal; >160° vertical
Mounting Orientation	Wall, Faceted, hanging, stacking
Module Replacement	Front or Rear
Other Wall components replacement	Front and Rear
Front Access Install/Service	Yes
Refresh Rate	3840Hz
Protective Coating	GOB
LED Lifetime (Half Brightness)	100,000 hours
Operating Temperature/Humidity (degrees F/C, relative humidity)	-20° to 50° C -4° to 122° F (10-80% RH, non-condensing)
Operating Temperature/Humidity (degrees F/C, relative humidity)	-35° to 60° C -31° to 140° F (10-85% RH, non-condensing)
IP Rating	65 front and back
MTBF	100000

For more information, please visit www.planar.com

Specifications are subject to change without notice.

Specification Report Date: 12/7/2022

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