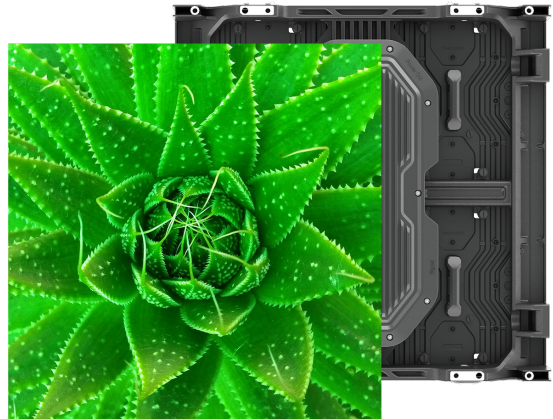


# LUO-1.9

## Outdoor LED Video Wall

The Leyard Europe 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
<i>Model</i>	LUO-1.9
<i>Pixel Pitch</i>	1.9
<i>Pixel Pitch (mm)</i>	1.90
<i>LED Type</i>	1010
<i>LED Package</i>	SMD
<i>Driver IC</i>	2153
<i>Cabinet Size (W x H x D)</i>	500 x 500 x 89.1 mm (19.69" x 19.69" x 3.51")
<i>Cabinet Diagonal</i>	27.83" (707.10mm)
<i>Cabinet Area (m2)</i>	0.25
<i>Cabinet Resolution</i>	256x256
<i>LEDs per Cabinet</i>	65,536
<i>Pixel Density (/m2)</i>	262,144
<i>Modules/Cabinet (WxH)</i>	2x2
<i>Module Resolution</i>	128x128
<i>LEDs per Module</i>	16,384
<i>Module Size (W x H)</i>	250 x 250 mm
<i>Power Consumption, Maximum (watts)</i>	140
<i>Line Voltage</i>	100~240VAC, 50/60Hz
<i>Cabinet Weight (per display)</i>	9 kg (19.84 lbs)
<i>Cabinet Weight (per m<sup>2</sup>)</i>	36 kg (79.36 lbs)
<i>Brightness Max, Calibration On (cd/sq)</i>	3300
<i>Supported Frame Rate</i>	60Hz
<i>Color Temperature(K)</i>	8500
<i>Chromaticity Uniformity</i>	±0.003 Cx, CY
<i>Luminance Variation (Uniformity – White)</i>	97%
<i>Contrast Ratio</i>	5000:1
<i>Viewing Angle (50% of brightness)</i>	>160° horizontal; >160° vertical
<i>Mounting Orientation</i>	Wall, Faceted, Hanging, Stacking
<i>Module Replacement</i>	Front or Rear
<i>Other Wall components replacement</i>	Front and Rear
<i>Front Access Install/Service</i>	Yes
<i>Refresh Rate</i>	3840Hz

SPECIFICATION	DETAIL
<i>Protective Coating</i>	GOB
<i>LED Lifetime (Half Brightness)</i>	100,000 hours
<i>Operating Temperature/Humidity (degrees F/C, relative humidity)</i>	-20° to 50° C   -4° to 122° F (10-80% RH, non-condensing)
<i>Operating Temperature/Humidity (degrees F/C, relative humidity)</i>	-35° to 60° C   -31° to 140° F (10-85% RH, non-condensing)
<i>IP Rating</i>	65 front and back
<i>MTBF</i>	100000