



OLED Video Wall

OLED is the latest in a long line of video wall technologies and the newest addition to GPO Display's lineup. OLED improves on existing display technologies' color reproduction and contrast ratio without sacrificing image quality. Pixel densities are in line with existing LCD video wall solutions from GPO Display, with additional benefits such as reduced weight and a 55" flexible panel option (OL55NLU). This makes rippled or curved video walls possible, as well as column wraps and "donut" display arrays. 65" OLED video wall displays (OL65KLU) feature both 4K native resolution and the ability to daisy-chain 4K video signals.

Features

Flexible Design

The 55" OL55NLU features a flexible, curvable panel that expands the realm of possibility in video wall design. At 1000R, this display can create either an inward or outward-facing circle with a radius of 1m. This means only six displays in landscape orientation or ten displays in portrait orientation are needed to create a complete circle.

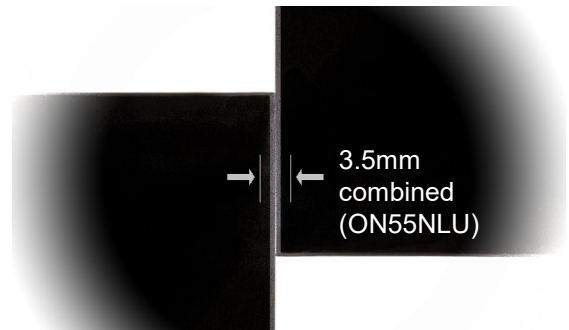


Color Reproduction & Contrast

OLED reproduces color unlike any current video wall technology. And because there is no backlight unit and each pixel produces its own light, perfect black & infinite contrast are possible.

Slim Bezel Gaps

OLED Video walls are infinitely expandable, with bezel gaps as slim as 3.5mm combined (ON55NLU). Due to their lightweight, slim design, the installation of large video walls is easier than ever. This means that virtual seamlessness across huge spaces is still possible but it's easier to accomplish and the results more impactful than ever.



OLED Video Walls

Panel Attributes

Model	ON55NLU	OL65KLU
Screen Size (Diag.)	55"	65"
Panel Technology	Commercial OLED	
Resolution	1920 x 1080	3840x2160
Flexibility/Curvature	1000R (Landscape) / 1000R (Portrait)	N/A
Brightness (Typ.)	400nit (APL 25%) / 150nit (APL 100%)	
Contrast Ratio (Typ.)	∞	
Displayable Colors	8bit(D), 16.7 Million colors	
Viewing Angle	178° (min) / 178° (min)	
Response Time (Typ. GTG)	1ms	
Aspect Ratio	16:9	
Tiled Bezel Width	3.5mm tiled (L/R/U: 3.5mm D: 8.9mm)	L/R/U: 6.5mm D: 8.9mm
Refresh rate	120Hz	

Dimensions, Power & Other

Electrical Ratings	AC 100 - 240V (50/60Hz)	
Power Consumption (Typ.)	240W	290W
Operating Temperature	32°F -104°F	
Operating Humidity Range	10~80%	
Possible Display Type	Landscape and Portrait-Compatible	
Operation Time	18hrs/day	
Warranty	Two Year (Limited Parts & Labor)	

Connectivity

HDMI	3 x Input
DisplayPort	2 X Input, 1 X Input
RS232	1 x Input, 1 x Output
ACR Lite System	Optional
ACR Hub	Optional

- Commercial-grade OLED panel
- Built-in Video Wall Processor
- Support for daisy-chaining of 4K video signal
- Slim bezel for seamless video wall effect
- Includes [Video Wall Control Software](#)
- Includes necessary cables for daisy-chain of both control and video signals

DP In HDMI In DVI In DVI Out VGA In VGA Out RS232 In RS232 Out AC Power S/W

