# 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.



3.5mm combined (ON55NLU)

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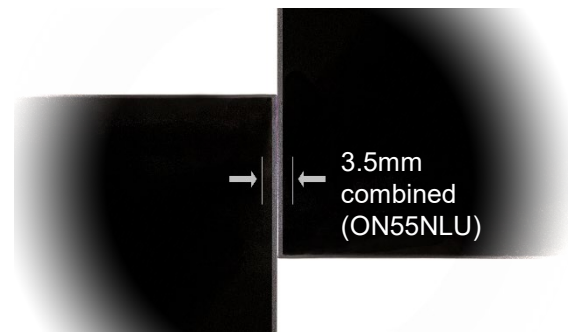
# OLED Video Walls

## Panel Attributes

| Model | OL55NLU | OL65KLU (Coming 2nd Half 2019) |
|---|---|---|
| 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

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# Mechanical Drawing

**Set** Drawing : OL55NLU Full Assembly
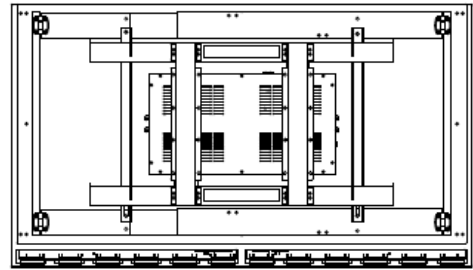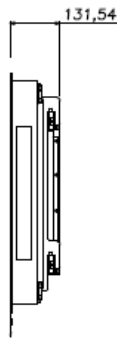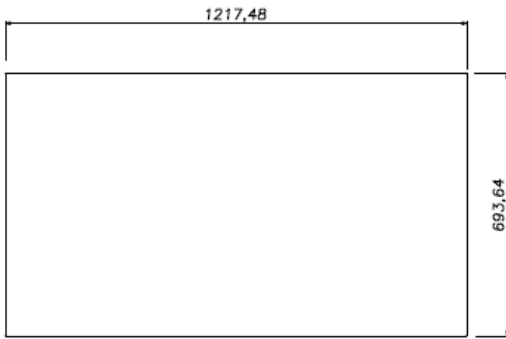


55inch OLED Curve−Adjustable (up to 1000R)
Mounting Bracket
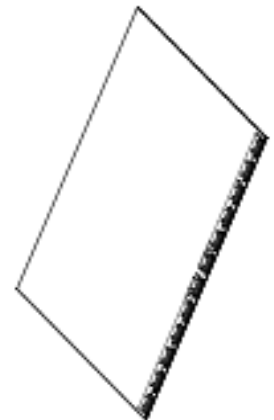
**Component** Drawing : OL55NLU-L Component



WB550L−L2
[Wall Mount]

EB550L−L2
[E−Box ]

MB550L−L2
[Magnetic Adjustable Bracket]
55inch OLED Curve−Adjustable (up to 1000R) Mounting Bracket
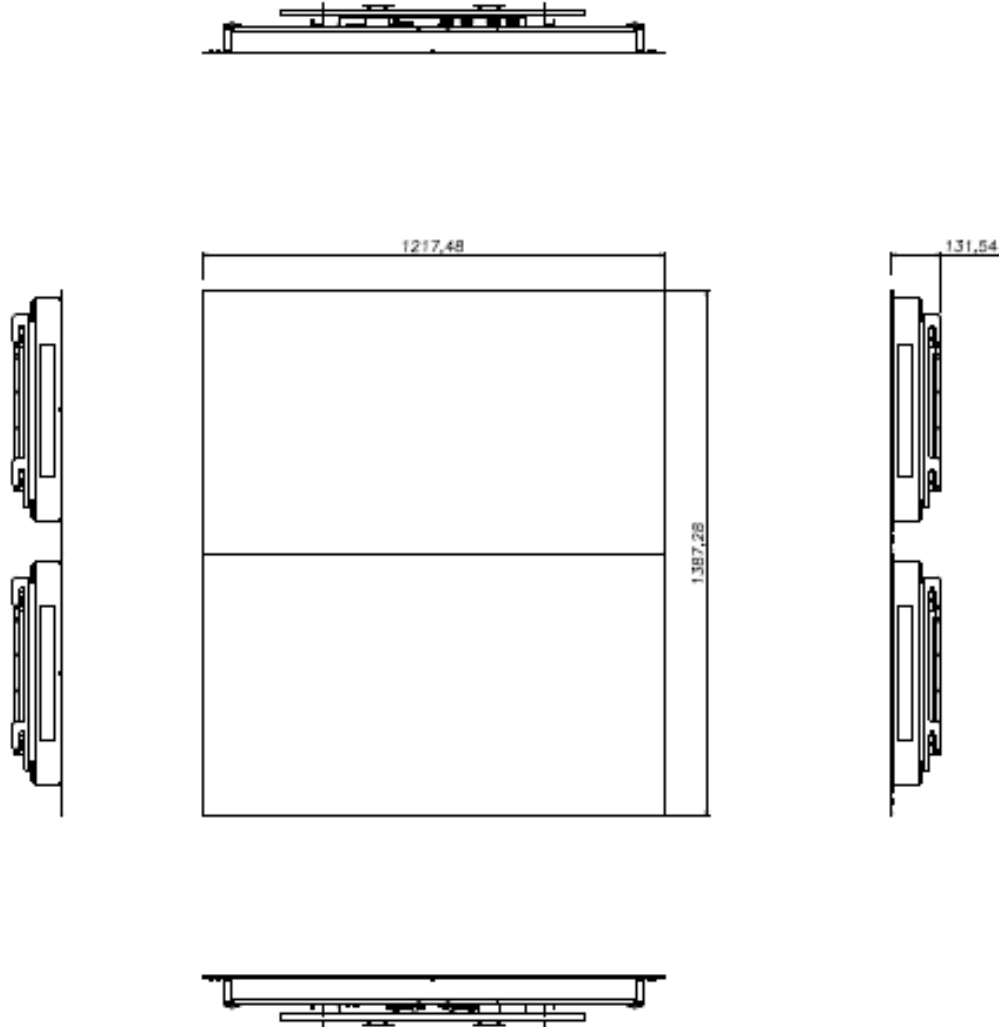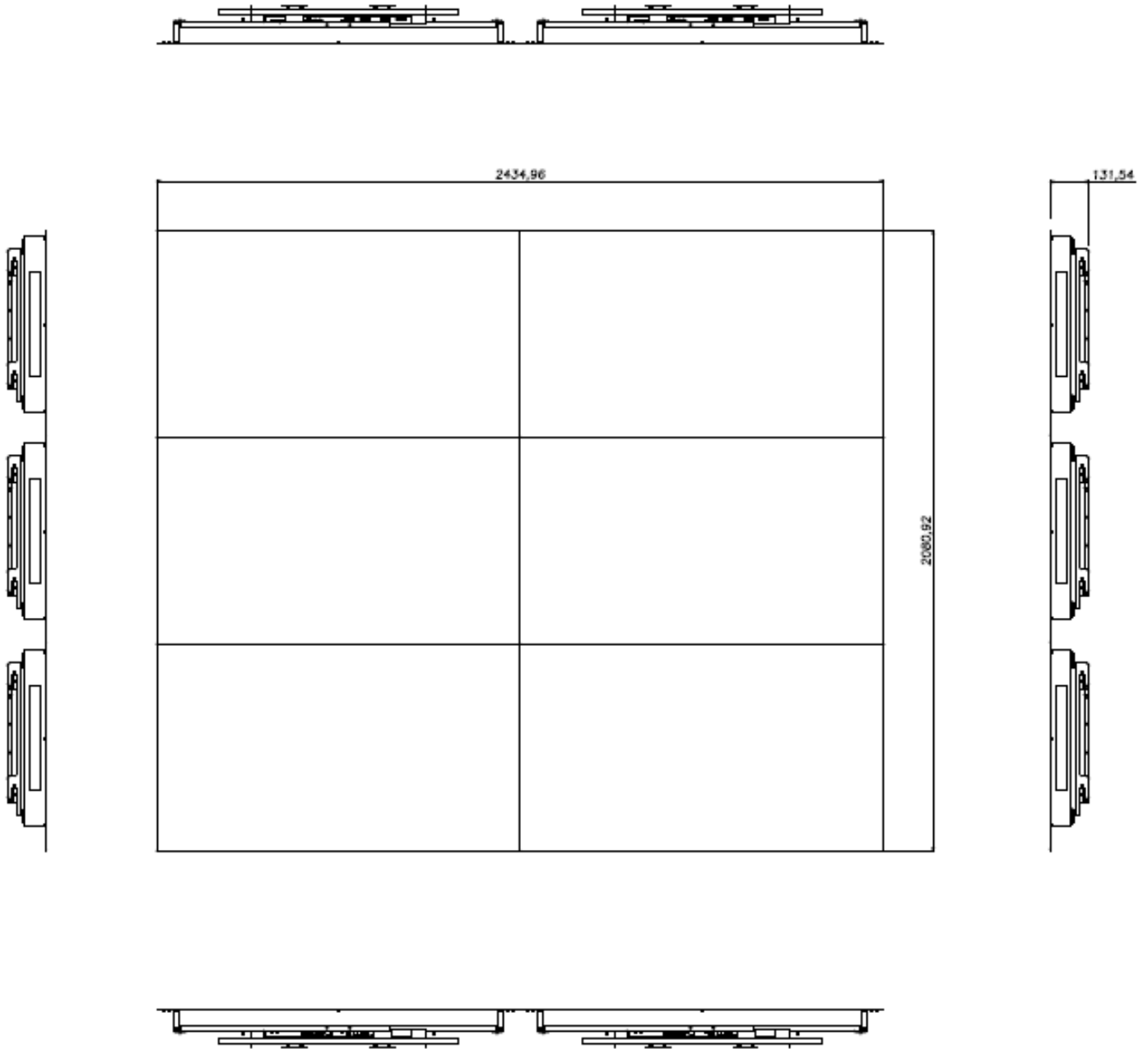
OLED Panel

Note: *GPO Display* may change specifications and designs without notice

Accessories with product: RS-232 cable, DVI cable, VGA cable, AC Power Cord, Remote Control, Batteries for remote control, User manual & Software on USB Flash Drive

## 1(H) X 2(V) Drawing : OL55NLU-L



1217.48

131.54

1387.28

Accessories with product: RS-232 cable, DVI cable, VGA cable, AC Power Cord, Remote Control, Batteries for remote control, User manual & Software on USB Flash Drive

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# Configuration Drawing

## 2(H) X 3(V) Drawing : OL55NLU-L



2434,96

2080,92

131,54

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Accessories with product: RS-232 cable, DVI cable, VGA cable, AC Power Cord, Remote Control, Batteries for remote control, User manual & Software on USB Flash Drive

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