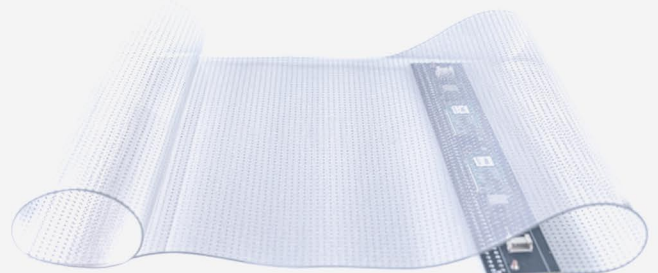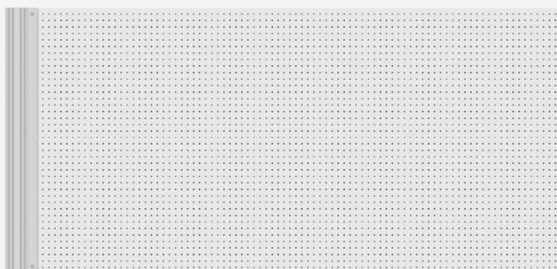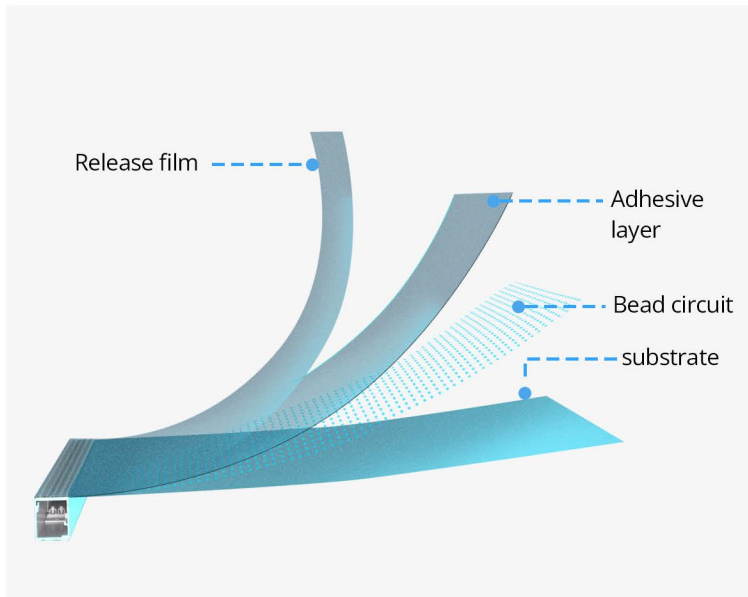# Phantom Series Brochure

Powered by 16 years of manufacturing experience and robust supply chain resources, EZ LED Visual is dedicated to providing solid and stable LED video display products that enable our clients' designs to shine and amaze their audience. Whether it's information visualization, immersive experiences, mission-critical applications, or interactive display solutions, EZ LED Visual is ready to help you make it happen.
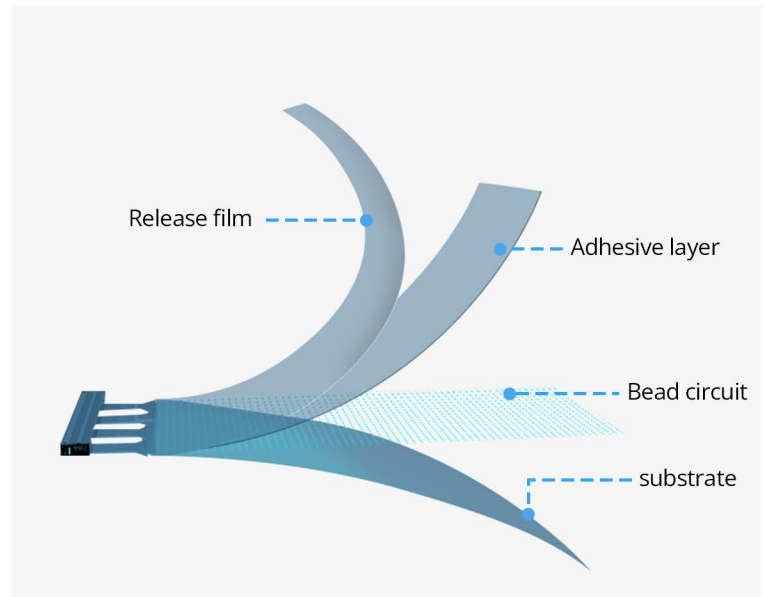
## Product Features

- Pixel pitches: 6mm, 8mm, 10mm, 15mm, 20mm
- Proprietary **Glue & Go Technology** featuring quick viscosity and enhanced adhesiveness without compromising image quality
- Proprietary **Image Clean Technology** that can keep the silica gel substrate clean without turning yellowish over time
- Ultra high see-through rate (over 90%)
- Ultra slim panel design **(ADA Compliant)**
- Ultra light weight design
- Flame retardant and UV resistant
- **Stick and Play** on glass surface with no mounting structure required
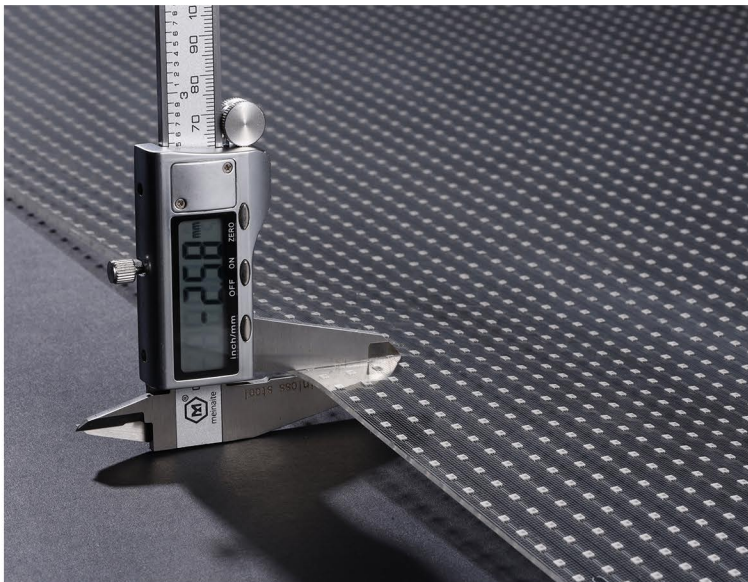- Curvable for concave and convex applications
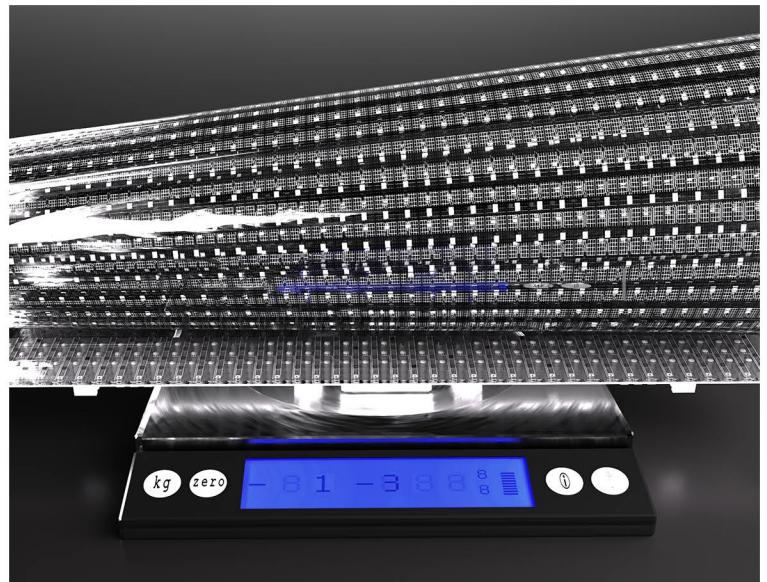
# Product Overview



Release film

Adhesive layer

Bead circuit

substrate

Hard connection



Release film

Adhesive layer

Bead circuit

substrate

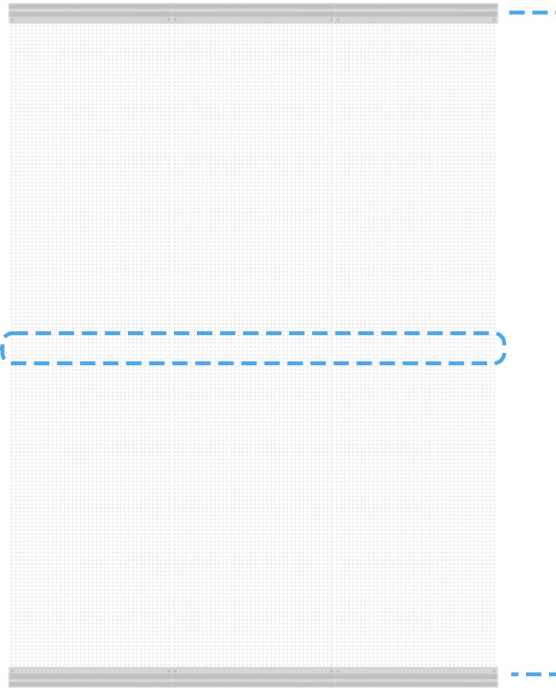Soft connection(with ribbon cables)



Panel thickness:2.6mm



Panel weight：1.3KG

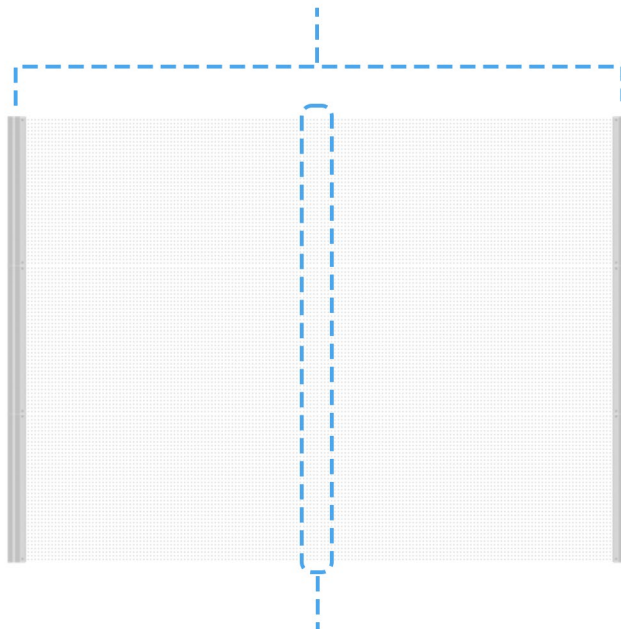# Clean Image Options (without Power Bars in the Middle)

**Clean image without power box in the middle**

Option 1: 2 panel high, unlimited width
Putting power bar on the top and on the bottom

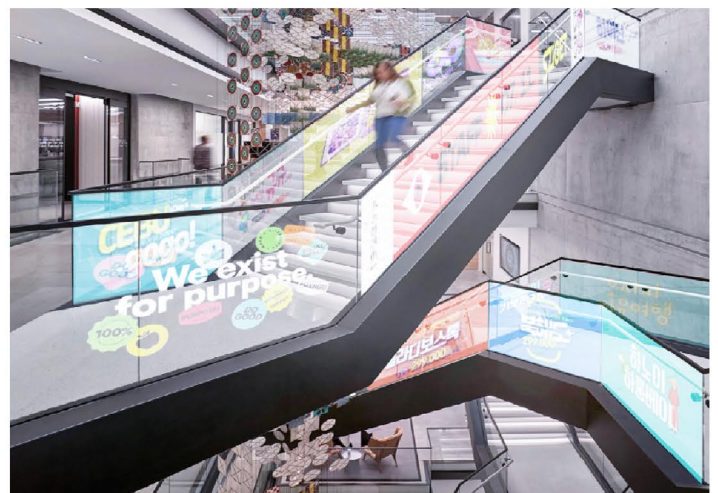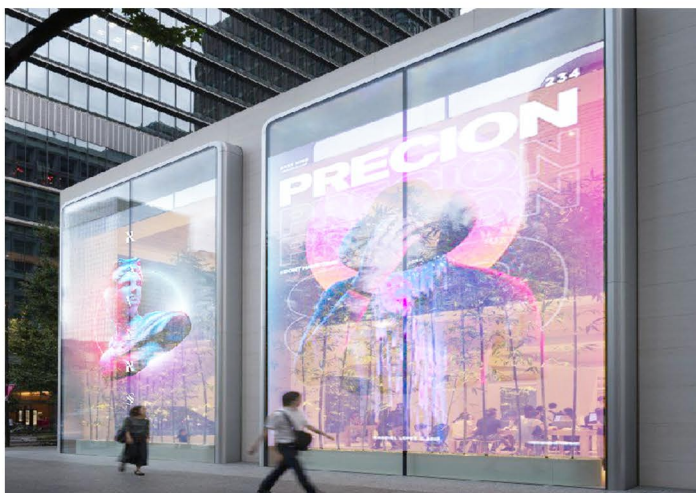**Note: This option requires the height to be 9' or below**

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Option 2: 2 panel wide, unlimited height
Putting power bar on the left and on the right
**Note: This option requires the width to be 9' or below**

**Clean image without power box in the middle**

# Applications

1. Shopping mall & retail store
2. Corporate (lobby)
3. Entertainment
4. Hospitality

# Technical Specifications

## EZ LED Phantom Series

| Product Model | Phantom 6.25mm | Phantom 8mm | Phantom 10mm | Phantom 15mm | Phantom 20mm |
|---|---|---|---|---|---|
| Per Panel Resolution | 160*64 | 125*50 | 100*40 | 66*26 | 50*20 |
| LED Type | 3-in-1 SMD | | | | |
| Panel Size (W*H*D) | 1000x400x2.6mm / 39.37"x15.75"x0.1" | | | | |
| Brightness | Standard brightness: 2000 nits | | | | |
| Brightness | Custom high brightness: 4000 nits | | | | |
| Refresh Rate | 3840 HZ | | | | |
| Grayscale | 16 Bits | | | | |
| Contrast Ratio | 3000 : 1 | | | | |
| View Angle | 160° Horizontal / 160° Vertical | | | | |
| See-through Rate | 90% | 92% | 94% | 94% | 95% |
| Installation Access | Rear Install | | | | |
| Service Access | Rear Service | | | | |
| Per Panel Weight | 1.3 KG / 2.86 LBS | | | | |
| Per Panel Power Consumption (max) | 240W | | | | |
| Per Panel Power Consumption (typical) | 80W | | | | |
| Brightness Uniformity | >97.5% | | | | |
| Color Uniformity | >97.5% | | | | |
| Color Gamut | 100% NTSC | | | | |
| Color Temperature | 3,000-10,000 K | | | | |
| Service Life | 100,000 Hours | | | | |
| Working Voltage | 100V-240V Auto-switching | | | | |
| Operating Temperature (10-90% relative humidity, non-condensing) | -20° to 55° C / -4° to 131° F | | | | |