

P Series: Banner – P2-55 Model

REV. 1.02 2024-09-19

The Holoscape P Series Banner offers a combination of the features found in the M Series Surface-Mounted Modules and the A Series Posters. The result is a portable and lightweight transparent LED display mounted on glass, hangable anywhere a display is needed without surface installation. Portability is taken a step further with a built-in processor that is accessible both wirelessly and via an ethernet port. Utilizing the wireless connection, the only external cabling is power, thus presenting a clean and unobstructed LED display.

With a 55" diagonal display area, a 2.5 mm pixel pitch, and 70% transparency, this Banner sports an exceptionally high resolution for transparent LED signage. The brilliant display quality ensures that every image and text is vivid and engaging, ideal for environments where clean-edge, impactful signage is desired.

Key Features:

- **Pixel Pitch:** 2.5 mm, offering a higher resolution but retaining transparency.
- **Pixel Density:** 160,000 pixels/m² (14,869 pixels/ft²), ensuring vibrant and detailed content displays.
- **Apparent Transparency:** 70%, providing higher transparency for minimal obstruction and seamless integration into various environments for content displays.
- **Superior Brightness:** ≥1200 cd/m² (111.52 cd/ft²)
- **Maximum Power Consumption:** 762 W for the unit
- **Average Consumption:** 308 W for the unit, balancing high-performance content display with energy-conscious operation.
- **Lifespan:** ≥100,000 hours, promising long-term durability and reliability for content displays.
- **Control System Compatibility:** Compatible with Colorlight or Novastar control systems, enabling flexible and user-friendly management of content displays.
- **Versatile Installation Options:** Flexible installation options, including hangable, and adhesive-backed for inward-facing or outward-facing window displays. This versatility makes it ideal for various indoor architectural and design applications. Options in both Module length and width accommodate in filling spaces.

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Pixel Pitch (horizontal and vertical)	2.5 mm
Pixel Density (pixels per area)	160,000/m ² (14,864/ft ²)
Apparent Transparency	70%
Unit Display Dimensions (width x height)	750 mm x 1172 mm (29.53" x 46.14")
Unit Profile Dimensions (width x height x thickness*) * Thickness measures the electronics box, front to back	766 mm x 1294 mm x 78 mm (30.16" x 50.94" x 3.07")
Resolution (pixel count width x height)	300 x 470
Weight (including glass substrate)	25.00 kg (55.12 lb)
Brightness (in candelas per meter [nits])	≥1200 cd/m ² (111.52 cd/ft ²)
Scanning Mode	Static Driving (single pixel, single control)
Encapsulation Type	Light Board & Driving Board Integrated
Lifespan	≥ 100,000 hours
Pixel Grayscale Depth	16 bit
Maximum Power Consumption (in watts)	762 W for the unit
Average Power Consumption (in watts)	308 W for the unit
Control System	Built-in Colorlight or Novastar
Input Voltage	AC100V~240V 50/60Hz
Working Voltage	DC4.2V ±0.2V
Working Temperature	-20°C to 50°C
Working Humidity (without condensation)	Up to 85% RH
Storage Temperature	-20°C to 60°C
Storage Humidity (without condensation)	Up to 85% RH
Protection Degree	IP20
Installation Environment	Indoor or temporary, dry outdoor use
Mounting Substrate (standard option)	3mm thick tempered glass

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The parameters in the table are subject to updates, and the data is for reference only. Updates will be made without notice.

Option considerations:

Substrate: The P2-55 Banner backing comes standard as 3mm thick tempered glass, but is also available on acrylic.

Controller: A Colorlite comes standard as the built-in controller, but a Novastar can be chosen as an alternative. Either way, the controllers have wireless access.

