

# P Series: Banner – P6-55 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 6.25 mm pixel pitch, and 90% transparency, this model delivers an impressive view from a distance. A lower-resolution display up close as compared to its 3.91 mm and 2.5 mm pixel pitch counterparts, it is quite bright and at a distance, appears surprisingly high in resolution.

## Key Features:

- **Pixel Pitch:** 6.25 mm, making it ideal for larger-scale content displays where broader visibility is key, without compromising on image clarity.
- **Pixel Density:** 25,600 pixels/m<sup>2</sup> (2,378 pixels/ft<sup>2</sup>), ensuring that even with its larger pixel pitch, the content remains vibrant and engaging.
- **Apparent Transparency:** 90% transparency, the M6 Module offers near invisibility when not in use, allowing for an unobstructed view and natural light in indoor environments.
- **Superior Brightness:** ≥4500 cd/m<sup>2</sup> (418.22 cd/ft<sup>2</sup>)
- **Energy Efficiency:** 810 W for the unit
- **Durability and Longevity:** Designed for lasting performance, the M6 Module has a lifespan of over 100,000 hours and comes with an IP20 protection rating, ensuring reliability for indoor use.
- **Control System Compatibility:** Compatible with Colorlight or Novastar control systems, offering flexibility in content management.
- **Environmental Adaptability:** The module operates effectively in indoor conditions, with a working temperature range of -20°C to 50°C and humidity tolerance up to 85% RH.
- **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.

# P Series: Banner - P6-55 Model

REV. 1.02 2024-09-19

<b>Pixel Pitch</b> (horizontal and vertical)	6.25 mm
<b>Pixel Density</b> (pixels per area)	25,600/m <sup>2</sup> (2,378/ft <sup>2</sup> )
<b>Apparent Transparency</b>	90%
<b>Unit Display Dimensions</b> (width x height)	750 mm x 1172 mm (29.53" x 46.14")
<b>Unit Profile Dimensions</b> (width x height x thickness*) * Thickness measures the electronics box, front to back	766 mm x 1290 mm x 78 mm (30.16" x 50.79" x 3.07")
<b>Resolution</b> (pixel count width x height)	120 pixels x 188 pixels
<b>Weight</b> (including glass substrate)	25.0 kg (55.12 lb)
<b>Brightness</b> (in candelas per meter [nits])	≥4500 cd/m <sup>2</sup> (418.22 cd/ft <sup>2</sup> )
<b>Scanning Mode</b>	Static Driving (single pixel, single control)
<b>Encapsulation Type</b>	Light Board & Driving Board Integrated
<b>LED Lifespan</b>	≥ 100,000 hours
<b>Pixel Grayscale Depth</b>	16 bit
<b>Maximum Power Consumption</b> (in watts)	810 W for the unit
<b>Average Power Consumption</b> (in watts)	290 W for the unit
<b>Control System</b>	Colorlight or Novastar
<b>Input Voltage</b>	AC100V~240V 50/60Hz
<b>Working Voltage</b>	DC4.2V ±0.2V
<b>Working Temperature</b>	-20°C to 50°C
<b>Working Humidity</b> (without condensation)	Up to 85% RH
<b>Storage Temperature</b>	-20°C to 60°C
<b>Storage Humidity</b> (without condensation)	Up to 85% RH
<b>Protection Degree</b>	IP20
<b>Installation Environment</b>	Indoor or temporary, dry outdoor use

# P Series: Banner – P6-55 Model

REV. 1.02 2024-09-19

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 P6-55 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.

