

PHILIPS

LED Display

Signage Solutions

27"

Direct View LED

27BDL9112L



Limitless

Bezel-free LED display wall.

Fill their imagination. Create seamless displays. With an L-Line Professional LED Display Wall, the possibilities are endless. The bezel-free design, wide viewing angle and breathtaking brightness ensure authoritative imaging. At any size.

Effortless setup. Reliable performance.

- Join multiple cabinets to achieve higher resolution
- Built-in rear cable cover. Easy cable management
- Front-access LED modules. Easy maintenance and servicing
- High-performance gold-wire LEDs

Immersive viewing. Versatile LED solution.

- Perfect clarity. From broadcast studio to control room
- Ultra-high refresh rate. Smooth, judder-free images
- Ultra-thin pixel pitch of 1.2 mm. Beautiful at any size
- Create bezel-free video walls of any shape or size

Spectacular picture. Endless possibilities.

- Ultra-high brightness even at wide viewing angles
- Zero bezel. Create seamless display screens
- LED display. Superb image quality. Perfect uniformity

Specifications

Picture/Display

Brightness before calibration: 900 nits
 Brightness after calibration: 800 nits
 Colour Temperature default: 6500±500 K
 Colour Temperature adjust range: 4000~9500 K (by software)
 Viewing Angle (H / V): 160 / 160 degree
 Brightness Uniformity: ≥97%
 Contrast ratio (typical): ≥3000:1
 Calibration (Brightness/Colour): Supported
 Refresh rate (Hz): 1920~3840
 Frame Frequency (Hz): 50 & 60
 Aspect ratio: 16:9
 Picture enhancement: Wide Colour Gamut display
 Placement: Landscape
 Usage: 24/7 hrs, Indoor

Convenience

Signal Control Loop Through: RJ45
 Ease of installation: Guide pins, Light weight, Locking mechanism for cabinet
 Power loop through: For 230 V environments: 8 cabinets or less, for 110 V environments: 4 cabinets or less

Operating conditions

Temperature range (operation): -20~45 °C
 Temperature range (storage): -20~50 °C
 Humidity range (operation)[RH]: 10~80%
 Humidity range (storage) [RH]: 10~85%

Power

Max Power consumption (W): ≤160W
 Consumption (Typical): ≤54 W
 Input Voltage: AC100~240 V (50 and 60 Hz)
 BTU Value m2: 2624 BTU/m2

Miscellaneous

Warranty: 3 years
 Regulatory approvals: FCC SDOC, Part 15, EMC Class B, EN55032, EN55035, EN61000-3-2, EN61000-3-3, IEC/UL60950, IEC/UL62368, IEC62471, RoHS

Cabinet

Cabinet Size (mm): 608 x 342 x 55
 Cabinet Diagonal (inch): 27.5
 Cabinet Resolution (W x H): 480 × 270
 Weight (kg): 7.5 kg
 Cabinet pixels (Dot): 129,600
 Cabinet Area (m2): 0.2079
 Power connector: In/Out(C14/C13)
 Data connector: RJ45
 Cabinet Construction: Die-Casting Aluminium
 Receiving card Quantity: 2 pcs
 Receiving card Spec: A7S
 Receiving card Brand: Novastar

Module

LED Type: SMD 1010 Gold wire
 Pixel constitution: 1R1G1B
 LED Lifetime (Hrs, half bright): 100 000
 Pixel Pitch (mm): 1.266
 Module Size (WxHxD in mm): 152 x 171 x 10
 Module Resolution (W x H pixels): 120 x 135

Accessories

Power loop through cable: 1 pcs
 LAN cable (RJ45, CAT-5): 1 pcs
 Common connecting piece: 4 pcs
 Screw bolt: 4 pcs (M8*20) (Inner Hexagon Screw)
 QSG: 1 pcs

Highlights

LED display. Superb image

Create bezel-free video walls of any shape, size or resolution. The modular design of Philips Professional LED cabinets means you can adapt to any space. Build vast, immersive installations or assemble intriguing patterns. Easily create video walls that flow seamlessly around doorways and other openings.

Built-in rear cable cover.

Your Philips Professional LED Display features built-in rear cable covers to keep power and data cables tidy. Display cabinets can also be daisy-chained for both power and data, allowing you to minimise clutter and speed up installation.

High-performance gold-wire LED

Philips Professional LED Displays use high-performance gold-wire LEDs, which are energy efficient and cost effective. The light is brighter and the LEDs last longer.

Create bezel-free video walls

Simply connect multiple LED display cabinets to create the resolution you want, whether it's 4K, 8K or even higher. Compared to LCD screens, LED displays boast higher refresh rates that enable smoother images. Whatever the application, you'll thrill them with crystal-clear picture quality.

Front-access LED modules.

Internal electronics are easy to access for servicing or maintenance. Each of the eight LED modules in a cabinet can be removed using a dedicated magnetic JIG tool, which lifts the module out from the front.

