

PHILIPS



LED Display

Signage Solutions

44"

Direct View LED



44BDL8128L

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.

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 2.8 mm. Beautiful at any size
- Create bezel-free video walls of any shape or 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
- Slim, lightweight die-cast aluminium cabinet (56 mm deep)

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

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.

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.

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.

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.

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.

Specifications

Picture/Display

Aspect ratio: 1:2
Brightness Uniformity: $\geq 97\%$
Brightness after calibration: 800 nits
Brightness before calibration: 1000 nits
Calibration (brightness/colour): Supported
Colour temperature adjust range: 4000~9500 K (by software)
Colour temperature default: 6500 $\pm$ 500 K
Contrast ratio (typical): $\geq 3000:1$
Viewing angle (horizontal): 140 degree
Viewing angle (vertical): 140 degree
Picture enhancement: Dynamic contrast enhancement, Wide colour gamut display
Placement: Portrait
Frame frequency (Hz): 50 & 60
Refresh rate (Hz): 1200~1920
Usage: 24/7 hrs, Indoor

Convenience

Ease of installation: Guide pins, Light weight, Locking mechanism for cabinet
Power loop through: For 230 V environments: 6 cabinets or less, for 110 V environments: 3 cabinets or less
Signal control loop through: RJ45

Power

Consumption (Typical): ≤ 87 W
BTU Value m2: 1773 BTU/m2
Cabinet Max Power consumption: 260 W
Input voltage: AC200~240V/AC100-120V (50-60 Hz)

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%

Cabinet

Cabinet area (m2): 0.5
Cabinet pixels (Dot): 61,952
Cabinet resolution (W x H): 176 x 352
Cabinet size (mm): 500 x 1000 x 86
Data connector: RJ45
Power connector: In/Out(C14/C13)
Receiving card quantity: 1 pcs
Receiving card spec.: A55/A55 Plus
Receiving card brand: Novastar
Weight (kg): 15.6 kg
Cabinet diagonal (inch): 44
Cabinet construction: Aluminium and Steel

Module

LED type: SMD 2121 Gold wire
Pixel constitution: 1R1G1B
LED lifetime(Hrs): 100 000
Module resolution (WxH pixels): 88 x 88
Module size (WxHxD in mm): 250 x 250 x 19.1
Pixel pitch (mm): 2.84

Accessories

Common connecting piece: 3 pcs
LAN cable (RJ45, CAT-5): 1 pcs (130 cm)
QSG: 1 pcs
Screw bolt: 4 pcs (M10*70) (Inner Hexagon Screw)
Power loop through cable: 1 pcs

Miscellaneous

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

