PHILIPS



LED Display

Signage Solutions

44''

Direct View LED



44BDL8139L

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 3.9 mm. Beautiful at any size
- Ultra-thin pixel pitch of 4.8 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 aluminum cabinet (56 mm deep)

Spectacular picture. Endless possibilities.

- Ultra-high brightness even at wide viewing angles
- Zero bezel. Create seamless display screens

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. 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 minimize clutter, speed up installation.

Specifications

Picture/Display
Aspect ratio: 1:2
Brightness Uniformity: >=97%
Brightness after calibration: 800 nits
Brightness before calibration: 1000 nits
Calibration(brightness/color): Supported
Color temperature adjust range: 4000~9500 K (by software)
Color temperature default: 6500±500 K
Contrast ratio (typical): >=3000:1
Viewing angle (horizontal): 140 degree
Viewing angle (vertical): 140 degree
Picture enhancement: Dynamic contrast enhancement, Wide color 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 230V environments: 6 cabinets or less, for 110V environments: 3 cabinets or less
Signal control loop through: RJ45

Power
Consumption (Typical): <=80 W
BTU Value m2: 1,637 BTU/m2
Cabinet Max Power consumption: 240 W
Input voltage: AC200~240V/AC100-120V (50-60Hz)

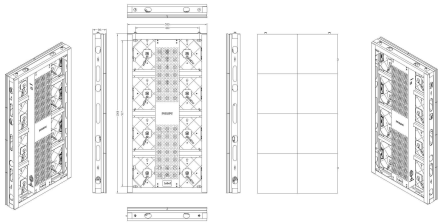
Operating conditions
Temperature range (operation): -20~45 °C
Temperature range (storage): -20 ~ 50 °C
Humidity range (operation)[RH]: 10~80%
Humidity range (storage) [RH]: 10~85%

Cabinet
Cabinet area (m2): 0.5
Cabinet pixels (Dot): 32,768
Cabinet resolution (W x H): 128x256
Cabinet size (mm): 500x1000x86
Data connector: RJ45
Power connector: In/Out(C14/C13)
Receiving card quantity: 1 pcs
Receiving card spec.: A5S / A5S Plus
Receving card brand: Novastar
Weight (KG): 15.6 kg
Cabinet diagonal (inch): 44
Cabinet construction: Aluminum+Steel

Module
LED type: SMD 2121 Gold wire
Pixel constitution: 1R1G1B
LED lifetime(Hrs): 100,000
Module resolution (WxH pixels): 64x64
Module size (WxHxD in mm): 250*250*19.1
Pixel pitch (mm): 3.91 mm

Accessories
Common connecting piece: 3 pcs
LAN cable (RJ45, CAT-5): 1 pcs (130cm)
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



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