



Philips Signage Solutions
LED Display

27"

Direct View LED



27BDL6395L

Stunning visual performance

Bezel-free LED display wall.

Building block of 4-in-1 mini LED to achieve 4K resolution at 165", 16:9 or 32:9 panoramic view display. The 6395 Series deliver on lower power and heat emissions, supporting HDR10+ and 12 bit colours for the deepest visual experiences.

Energy-conscious display

- IMD common cathode 4-in-one mini LEDs
- PPDS Wave ready for remote management

Colourful with high uniformity on brightness

- Crystal-clear content and colour accuracy
- Smooth and judder-free images by high refresh rate
- Superb quality, supports HDR10+ up to 12-bit colour depth

Features for piece of mind

- Philips Active Health Monitoring
- Dynamic and black screen power-saving features

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Specifications

Picture/Display

- Aspect ratio: 16:9
- Brightness Uniformity: $\geq 97\%$
- Brightness after calibration: 550 nits
- Brightness before calibration: 650 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): 160 degree
- Viewing angle (vertical): 160 degree
- Picture enhancement: Wide colour gamut display
- Placement: Landscape
- Frame frequency (Hz): 50 & 60
- Refresh rate (Hz): 1920~3840
- Usage: 24/7 hrs, Indoor

Convenience

- 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
- Signal control loop through: RJ45

Power

- Consumption (Typical): 50 W
- Input voltage: AC100~240 V (50 and 60 Hz)
- Max. power cons. AC (W): 722 W
- Max. power cons. BC (W): 866 W

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): 0.208
- Cabinet pixels (Dot): 230, 400
- Cabinet resolution (W x H): 640 x 360
- Cabinet size (mm): 608x342x59
- Data connector: RJ45
- Power connector: In/Out(C14/C13)
- Receiving card quantity: 2 pcs
- Receiving card spec.: A8S-N
- Receiving card brand: Novastar
- Weight (kg): 7.32 kg
- Cabinet diagonal (inch): 27.5
- Cabinet construction: Die-Casting Aluminium + Aluminium back cover

Module

- LED type: SMD 1616 Copper wire
- Pixel constitution: 4R4G4B
- LED lifetime(Hrs): 50,000
- Module resolution (WxH pixels): 320x180
- Pixel pitch (mm): 0.95
- Module size (W x H in mm): 303.9x170.9

Accessories

- LAN cable (RJ45, CAT-5): 1 pcs
- QSG: 1 pcs
- Power loop through cable: 1 pcs

Miscellaneous

- Warranty: 1 year
- Regulatory approvals: RoHS, EAC, EN61000-3-2, EN61000-3-3, FCC SDOC, Part 15, Class B, IEC/UL60950, IEC/UL62368, IEC62471, EN55032, EN55035

Highlights

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.

Crystal-clear content and colour accuracy

Crystal-clear content and colour accuracy

Front-access maintenance

Internal electronics are easy to access and replace for service and maintenance. The modules in the cabinet can be easily and safely removed with the dedicated removal tool.

Lower power consumption

Developing technology for your sustainable business future— up to 25% less power consumed with common cathode technology and built-in power-saving features.

Active Health Monitoring

Achieve perfection through precision. Active Health Monitoring makes maintenance fast, simple and predictable by displaying the exact item of failure and location. Utilising this software that works in real-time both online and offline, replacing the relevant part becomes an efficient process and a must for display owners with many geographical locations.

Pitch-perfect LED performance

High levels of colour accuracy, deep-black contrast and a brightness (up to 650 nits before calibration and 550 nits after calibration) uniformity of up to 97%. Supports 12-bit colours and HDR10+ resolution, with better white balance and a more precise greyscale, even in low light environments. Extending performance beyond 4K, HDR10+ delivers a higher contrast between light and dark areas, resulting in greater detail and clarity, with high levels of colour accuracy and deep-black contrast.

PPDS Wave

Unlock the power, versatility and intelligence inside your Philips L-Line displays remotely with Wave. This evolutionary cloud platform puts you fully in control, with simplified installation and setup, monitoring and controlling displays, upgrading firmware, managing playlists and setting power schedules — saving you time, energy and environmental impact.



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