



Philips Signage Solutions  
LED Display

27"

Direct View LED

**SignageSolutions**



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 deepest visual experiences.

### Colourful with high uniformity on brightness

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

### Energy conscious display

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

### Features for piece of mind

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

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# Specifications

## Picture/Display

- Brightness before calibration: 650 nits
- Brightness after calibration: 550 nits
- Color temperature default: 6500±500 K
- Color 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/color): Supported
- Refresh rate(Hz): 1920~3840
- Frame frequency (Hz): 50 & 60
- Aspect ratio: 16:9
- Picture enhancement: Wide color 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 230V environments: 8 cabinets or less, for 110V 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

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

## 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

## Cabinet

- Cabinet size (mm): 608x342x59
- Cabinet diagonal (inch): 27.5
- Cabinet resolution (V x H): 640x360
- Weight (KG): 7.32 Kg
- Cabinet pixels (Dot): 230,400
- Cabinet area (m2): 0.208
- Power connector: In/Out(C14/C13)
- Data connector: RJ45
- Cabinet construction: Die-Casting Aluminum+Aluminum back cover
- Receiving card quantity: 2 pcs
- Receiving card spec.: A8S-N
- Receiving card brand: Novastar

## Module

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

## Accessories

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

# 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

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%. Supporting 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 set-up, monitoring and controlling displays, upgrading firmware, managing playlists and setting power schedules. Saving you time, energy and environmental impact.



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