PHILIPS

LED Display

Signage Solutions

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 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, support HDR10+ up to 12-bit colour depth

Features for piece of mind
- Philips Active Health Monitoring
- Dynamic and black screen power saving features

Specifications

Picture/Display

Aspect ratio: 16:9
Brightness Uniformity: >=97%
Brightness after calibration: 550 nits
Brightness before calibration: 650 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): 160 degree
Viewing angle (vertical): 160 degree
Picture enhancement: Wide color 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 230V environments: 8 cabinets or less, for 110V environments: 4 cabinets or less
Signal control loop through: RJ45

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

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): 640×360
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 Aluminum+Aluminum 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 (WxH 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

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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