



Philips Signage Solutions
Philips Public LED

Direct View LED

SignageSolutions



44HDL5000PP/00

Elevate your visual journey

Every detail comes to life with Public LED displays

Endless possibilities unfold with the Philips Public LED displays. Empower uniquely crafted displays that redefine audience engagement. Deliver your most immersive visual experiences with seamless connectivity, various sizing, and customizable curvature, allowing you to design a breathtaking display.

Vibrantly colorful with consistent brightness uniformity:

- Ensures crystal-clear content and great color accuracy.
- Achieves smooth, judder-free images through a high refresh rate.
- Revel in consistent brilliance with brightness uniformity exceeding 97%.

Vivid Picture Enhancement

- Elevate your visual experience with a wide color gamut display for lifelike images.
- Contrast Excellence: Witness exceptional clarity with a contrast ratio of $\geq 3000:1$.

Bezel free and great alignment

- Die-cast aluminum LED panels for high precise alignment, seams and bezel free.
- Light weight.

PHILIPS

Specifications

Picture/Display

- Aspect ratio: 1:1,
- Picture enhancement: Wide color gamut display
- Contrast ratio (typical): $\geq 3000:1$
- Placement: Landscape
- Frame frequency (Hz): 50 & 60
- Viewing angle (horizontal): 145 degree
- Viewing angle (vertical): 145 degree
- Color temperature adjust range: 4000~9500 K (by software)
- Brightness Uniformity: $\geq 97\%$
- Calibration (brightness/color): Supported
- Color temperature default: 6500 \pm 500 K
- Refresh rate (Hz): 1920~3840 Hz

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

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
- Input voltage: AC 100~240V (50 & 60Hz)

Miscellaneous

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

Cabinet

- Cabinet area (m²): 0.5
- Cabinet size (mm): 500x1000x40
- Modules per Cabinet: 8 pcs
- Data connector: RJ45
- Power connector: In/Out (C14/C13)
- Receiving card quantity: 1 pcs
- Receiving card spec.: A5S Plus
- Receiving card brand: NovaStar
- Weight (KG): 11,2 Kg
- Cabinet diagonal (inch): 44,02
- Cabinet construction: Die-Casting Aluminum

Accessories

- LAN cable (RJ45, CAT-5)
- QSG

Specific Module I4HDL5019PM/00

- Pixel Pitch: 1.9mm
- Brightness after calibration: ≤ 500 nit
- Brightness before calibration: 550nit
- Max. power cons. AC (W/m²): 340 W
- Max. power cons. BC (W/m²): 380 W
- Consumption (Typical W/m²): 110 W
- Cabinet pixels (Dot): 131.072
- Module resolution (W x H): 128 x 128
- Cabinet resolution (W x H): 256 x 512

Specific Module I4HDL5025PM/00

- Pixel Pitch: 2.5mm
- Brightness after calibration: ≤ 500 nit
- Brightness before calibration: 550nit
- Max. power cons. AC (W/m²): 286 W
- Max. power cons. BC (W/m²): 340 W
- Consumption (Typical W/m²): 96 W
- Cabinet pixels (Dot): 20.000
- Module resolution (W x H): 100 x 100
- Cabinet resolution (W x H): 200 x 400

Specific Module I4HDL5039PM/00

- Pixel Pitch: 3.9mm
- Brightness after calibration: ≤ 500 nit
- Brightness before calibration: 550nit
- Max. power cons. AC (W/m²): 280 W
- Max. power cons. BC (W/m²): 340 W
- Consumption (Typical W/m²): 94 W
- Cabinet pixels (Dot): 32.768
- Module resolution (W x H): 64 x 64
- Cabinet resolution (W x H): 128 x 256

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 your audience with crystal-clear picture quality.

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 through built-in power saving features.

PPDS Wave

Unlock the power, versatility and intelligence inside your Philips LED 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.

* Specific additional hardware required



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