

# PHILIPS

## LED Display

### Signage Solutions

44"

Direct View LED



44HDL5000PP

# Philips Public LED 5000 Series 44" Cabinets

## Philips Public LED 5000

Elevate your visual journey

Empower uniquely crafted Public LED displays that redefine audience engagement. Deliver your immersive visual experiences with seamless connectivity, variable sizing and customisable curvature, allowing you to design a breathtaking display.

#### **Ensures crystal-clear content**

- Ensures crystal-clear content and great colour accuracy.
- Brightness uniformity exceeding 97%.

#### **Vivid picture enhancement**

- Contrast excellence
- Elevate your visual experience.
- Lower power consumption

#### **Precisely aligned, seamless and bezel-free**

- Front-access maintenance
- Create bezel-free video walls
- Lightweight wall-mountable or hoisted installation
- Built-in cable management

# Specifications

## Picture/Display

Aspect ratio: 1:2  
 Brightness Uniformity:  $\geq 97\%$   
 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): 150 degree  
 Viewing angle (vertical): 150 degree  
 Picture enhancement: Wide colour gamut display  
 Placement: Landscape, Portrait  
 Frame frequency (Hz): 50 & 60  
 Refresh rate (Hz): Up to 3840 Hz  
 Three specific modules of pixel pitch: 1.9 mm, 2.5 mm and 3.9 mm

## Convenience

Ease of installation: Guide pins, Light weight, Locking mechanism for cabinet  
 Power loop through: – for 230 V environments: 8 cabinets or fewer – for 110 V environments: 4 cabinets or fewer  
 Signal control loop through: RJ45

## Operating conditions

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

## Cabinet

Cabinet area (m<sup>2</sup>): 0.50  
 Cabinet size (mm): 500 x 1000 x 40  
 Data connector: RJ45  
 Power connector: In/Out (C14/C13)  
 Receiving card brand: Novastar  
 Weight (kg): 11.2  
 Cabinet diagonal (inch): 44.02  
 Cabinet construction: Die-cast aluminium

## Accessories

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

## Miscellaneous

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

### Specific module 14HDL5019PM/00

Pixel pitch: 1.9 mm  
 Brightness after calibration:  $\leq 500$  nit  
 Brightness before calibration: 550 nit  
 Max. power cons. AC (W/m<sup>2</sup>): 340 W  
 Max. power cons. BC (W/m<sup>2</sup>): 388 W  
 Consumption (Typical W/m<sup>2</sup>): 120 W  
 Cabinet pixels (Dot): 131,072  
 Module resolution (W x H): 128 x 128  
 Cabinet resolution (W x H): 256 x 512

### Specific module 14HDL5025PM/00

Pixel pitch: 2.5 mm  
 Brightness after calibration:  $\leq 500$  nit  
 Brightness before calibration: 550 nit  
 Max. power cons. AC (W/m<sup>2</sup>): 300 W  
 Max. power cons. BC (W/m<sup>2</sup>): 340 W  
 Consumption (Typical W/m<sup>2</sup>): 100 W  
 Cabinet pixels (Dot): 20,000  
 Module resolution (W x H): 100 x 100  
 Cabinet resolution (W x H): 200 x 400

### Specific module 14HDL5039PM/00

Pixel pitch: 3.9 mm  
 Brightness after calibration:  $\leq 500$  nit  
 Brightness before calibration: 550 nit  
 Max. power cons. AC (W/m<sup>2</sup>): 300 W  
 Max. power cons. BC (W/m<sup>2</sup>): 340 W  
 Consumption (Typical W/m<sup>2</sup>): 100 W  
 Cabinet pixels (Dot): 32,768  
 Module resolution (W x H): 64 x 64  
 Cabinet resolution (W x H): 128 x 256

# Highlights

## Ensures crystal-clear content

Ensures crystal-clear content and great colour accuracy. Achieves smooth, judder-free images with a high refresh rate.

## Brightness uniformity exceeding 97%.

Revel in consistent brilliance with a brightness uniformity that exceeds 97%.

## Elevate your visual experience.

Elevate your visual experience with a wide colour gamut for lifelike images.

## Contrast excellence

Witness exceptional clarity with a contrast ratio of  $\geq 3000:1$ .

## Lower power consumption

Developing technology for your sustainable business future through built-in power saving features.

## Lightweight wall-mountable or hoisted installation

As well as an optional range of connections and brackets for wall mounting, the Philips Public LED 5000 Series also supports fixed hoisting installations.

## 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.

## Bezel-free

Simply connect multiple LED display cabinets to create the resolution that you want — whether its 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.

## Built-in cable management

Philips Public LED 5000 Series displays come with built-in cable management, keeping power and data cables tidy. Meanwhile, cabinets are daisy chained for both power and data, using PPDS' unique board-to-board module and cabinet connection design, minimising clutter and speeding up installations.

