



Philips Signage Solutions  
LED Display  
Philips Unite LED 5000  
Panels

**Direct View LED**



**27HDL5118IP**

## Philips Unite LED 5000 Series panels

Quality. Style. Accessibility. Without compromise.

Your essential range of investment-friendly flip chip COB panels delivering on quality, resolution, and reliability, as well as efficiency. With low power consumption for reduced cost of ownership and an easy-to-maintain flat matt surface.

### **Flip chip COB dvLED panels**

- Greater stability and reliability, plus higher definition.

### **Prewired cabinets for faster installation**

- Prewired for power, with loop through for data included.

### **Low power consumption**

- Supporting sustainability and energy savings.

### **Three year warranty as standard**

- Activated out of the box for hassle free peace of mind.

### **Supports HDR10+ resolution**

- Crystal clear content with vivid colours and brightness.

# PHILIPS

# Specifications

## Picture/Display

- Brightness (nits): 600 nit
- Brightness Uniformity:  $\geq 97\%$
- Calibration(brightness/color): Color and Brightness
- Color temperature default: 6500K $\pm$ 500
- Contrast ratio (typical): 5000:1
- Bit-depth(bit): 13
- Frame frequency (Hz): 50-60
- Refresh rate(Hz): 1920-3840 Hz
- Colour temperature (K) adjust range (by software): 3000-10000
- Viewing angle (°) H/V: 160°

## Power

- Input voltage: AC100~240V (50 & 60Hz)
- Max cabinets power daisy chain: 16
- BTU/M2 (BC): 1153
- BTU/M2 (AC): 972
- Cabinet Max Power consumption (W) (BC):  $<65$
- Cabinet Max Power consumption (W) (AC):  $<50$
- Cabinet Typical Power consumption (W) (AC):  $<19$
- Power consumption/M2 (W)(BC): 338
- Power consumption/M2 (W)(AC): 285

## Operating conditions

- Temperature range (operation): -10 - 45 °C
- Temperature range (storage): -40 - 60 °C
- Humidity range (operation)[RH]: 10%-90%RH
- Humidity range (storage) [RH]: 10%-70%RH
- Working environment (indoor/outdoor): Indoor

## Cabinet

- Cabinet area (m<sup>2</sup>): 0.2052
- Cabinet pixels (Dot): 57,600
- Cabinet resolution (W x H): 320x180
- Data connector: RJ45
- Power connector: 3 pin connector

- Receiving card brand: Novastar A8S-N
- Weight (KG): 4.7 $\pm$ 0.2
- Cabinet construction: Die cast
- Cabinet Size (WxHxD in mm): 600x337.5x33.6
- Cabinet size (inch): 27.1"

## Module

- LED type: COB
- Pixel constitution: 1R1G1B Flip Chip
- LED lifetime(Hrs): 100,000
- Module resolution (WxH pixels): 80x90
- Pixel pitch (mm): 1.875
- Module size (WxH in mm): 150x168.75
- LED Pole type: Common Anode
- Weight(KG): 0.137
- Black screen power saving

## Accessories

- LAN cable (type/length): RJ45 75cm/RJ45 15cm
- Screws (type / length mm): Hex M6, 22mm
- QSG (Quick Start Guide): Printed on carton

## Miscellaneous

- Warranty: 36 months
- Regulatory approvals: CE, UKCA, FCC, ETL, RoHS, CCC, SASO

## Packaging Data

- Nett Weight (Product excluding accessories and packing in KG):  $<4.8\text{kg}$
- Packing Total weight Cardboard/paper (in Gram): 1100 $\pm$ 100
- Packing Total weight Plastics (LDPE/EPE/HDPE/ PVC/ in Gram): 400 $\pm$ 100
- Package size (WxHxD mm): 822x461x99
- Gross weight (full product, incl. accessories and packaging KG): 6.3 $\pm$ 0.2

# Highlights

## Flip chip COB dvLED panels

Delivering on greater stability, reliability and visual performance, as well as enabling smaller pixel pitches for darker blacks, higher brightness, higher contrast and higher definition.

## Stylish exterior and finishing

The Philips LED Unite 5000 Series comes with a rolling ripple exterior cabinet design and pre-wired for power for the tidiest cable management. Optional edge finishing is available in brushed anodised aluminium, with easy click functionality for fast installation.

## 12-bit colours and HDR10+

Supporting 12-bit colours and HDR10+ resolution, Philips LED Unite 5000 Series panels deliver crystal clear content with near perfect colour and brightness accuracy, delivering the deepest visual experiences.



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