PHILIPS 27HDL5118IP Signage Solutions LED Display Owner's Manual

PHILIPS 27HDL5118IP Signage Solutions LED Display

Contents

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 **colors** and brightness.

Specifications

Picture/Display

- Brightness (nits): 600 nit
- Brightness Uniformity: >=97%
- Calibration(brightness/color): Color and Brightness
- Color temperature default: 6500K±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 (m2): 0.2052
- Cabinet pixels (Dot): 57,600
- Cabinet resolution (W x H): 320×180
- Data connector: RJ45
- Power connector: 3 pin connector
- Receiving card brand: Novas tar A8S-N
- Weight (KG): 4.7±0.2
- Cabinet construction: Die cast
- Cabinet Size (WxHxD in mm): 600×337.5×33.6
- Cabinet size (inch): 27.1"

Module

- LED type: COB
- Pixel constitution: 1R1G1B Flip Chip
- LED lifetime(Hrs): 100,000
- Module resolution (WxH pixels): 80×90
- Pixel pitch (mm): 1.875

- Module size (WxH in mm): 150×168.75

- 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): <4.8kg

- Packing Total weight Cardboard/paper (in Gram): 1100±100

- Packing Total weight Plastics (LDPE/EPE/HDPE/ PVC/ in Gram): 400±100

- Package size (WxHxD mm): 822x461x99

- Gross weight (full product, incl. accessories and packaging KG): 6.3±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 aluminum, with easy click functionality for fast installation.

12-bit colors and HDR10+
Supporting 12-bit **colors** 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.

Customer Support

Documents / Resources

PHILIPS 27HDL5118IP Signage Solutions LED Display [pdf] Owner's Manual
27HDL5118IP, 27HDL5118IP Signage Solutions LED Display, Signage Solutions LED Display,
LED Display, Display

References

- **Philips - United States | Philips**
- **User Manual**