PHILIPS

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.

Pre-wired cabinets for faster installation
- Pre-wired 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.

Specifications

Picture/Display

Brightness (nits): 600 nit
Brightness Uniformity: >=97%
Calibration (brightness/colour): Colour and Brightness
Colour 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: AC100~240 V (50 and 60 Hz)
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): <30
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): 320x180
Data connector: RJ45
Power connector: 3-pin connector

Receiving card brand: Novastar A8S-N
Weight (kg): 4.7 ± 0.2
Cabinet construction: Die cast
Cabinet Size (W x H x D in mm): 600 x 337.5 x 33.6
Cabinet size (inches): 27.1"

Module

LED type: COB
Pixel constitution: 1R1G1B Flip Chip
LED lifetime(Hrs): 100 000
Module resolution (WxH pixels): 80 x 90
Pixel pitch (mm): 1.875
Module size (W x H in mm): 150 x 168.75
LED Pole type: Common Anode
Weight (kg): 0.137
Black screen power saving

Accessories

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

Miscellaneous

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

Packaging Data

Net Weight (Product excluding accessories and packaging in kg): <4.8 kg
Packing Total weight Cardboard/paper (in grams): 1100 ± 100
Packing Total weight Plastics (LDPE/EPE/HDPE/PVC/ in grams): 400 ± 100
Package size (W x H x D mm): 822 x 461 x 99
Gross weight (full product, incl. accessories and packaging in 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 is 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.