



Philips Signage Solutions
LED Display

27"

Direct View LED

SignageSolutions



27HDL5178IP/00

27HDL5193IP/00

27HDL5112IP/00

27HDL5115IP/00

27HDL5118IP/00

Philips Unite LED 5000 Series Panels

Quality. Style. Accessibility. Without compromise.

The Philips LED Unite 5000 Series is your essential range of investment-friendly flip chip COB panels that deliver on high quality, resolution, reliability and efficiency, with reduced power consumption for continued low cost of ownership. The black matt flat surface is easy to maintain.

Flip chip COB dvLED panels

Greater stability and reliability, and higher definition.

Supports HDR10+ resolution

Crystal clear content with vivid colours and brightness.

Low power consumption

Supporting sustainability and energy savings.

Three year warranty as standard

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

Prewired cabinets for faster installation

Prewired for power, with loop through for data included.

PHILIPS

Specifications

P0.78

LED Module LED

- LED Type: COB
- Pixel constitution: 1R1G1B_Flip Chip
- LED Pole type: Common Cathode
- LED Lifetime (Hrs): 100.000
- Pixel Pitch (mm): 0.78125
- Module Size (WxH in mm): 150x168.75
- Module Resolution (WxH in pixels): 192x216
- Black screen power saving: Yes
- Weight (KG): 0,15

Cabinet/LED Panel

- Cabinet Size (WxHxD in mm): 600x337.5x33.6
- Cabinet Size (inch): 27.1"
- Cabinet Resolution (WxH in pixels): 768x432
- Receiving card brand: Novastar
- Receiving card type: A10s Pro x2
- Weight (KG): 4.7±0.2
- Cabinet pixels (Dot): 1.638.400
- Cabinet Area (m2): 0.2052
- Data connector: RJ45
- Power connector: 3 pin connector
- Cabinet Construction: Die-Casting

Picture

- Brightness (nits): 600
- Color Temperature (K) default: 6500K±500
- Color Temperature (K) adjust range (by software): 3000-10000
- Viewing Angle (°) H/V: 160°
- Brightness Uniformity: >=97%
- Contrast Ratio: 5000:1
- Calibration (Brightness/Color): Color and Brightness
- Bit-depth (bit): 16
- Refresh rate (Hz): 1920-3840 Hz
- Frame Frequency (Hz): 50-60

Power

- Cabinet Max Power consumption (W) (BC): <92
- Cabinet Max Power consumption (W) (AC): <72
- Cabinet Typical Power consumption (W) (AC): <22.27
- Power Consumption/M2 (W)(BC): 440
- Power Consumption/M2 (W)(AC): 375
- BTU/M2 (BC): 1501
- BTU/M2 (AC): 1279
- Power Consumption Cabinet black screen (W): <32.6
- Max cabinets power daisy chain: 16
- Input Voltage: AC100~240V (50 & 60Hz)

Operating

- Temperature range (°C):
 - Operation Temperature: -10 - 45°C
 - Storage temperature: -40 - 60°C
- Humidity range (RH):
 - Operation Humidity: 10%-90%RH
 - Storage Humidity: 10%-70%RH
- Working environment (indoor/outdoor): Indoor

Miscellaneous

- Certification:
 - China CCC: CCC
 - CE: CE
 - CE / CB report / RoHS & WEEE: CB
 - FCC / ETL report: FCC / ETL
 - CE: UKCA
 - Saudi Arabia: SASO
- Warranty (months): 36

Accessories (included)

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

Packaging

- Packing Size (WxHxD in mm): 822x461x99
- Gross Weight (Full product, incl. acc. & packing in KG): 6.1±0.2

P0.9

LED Module LED

- LED Type: COB
- Pixel constitution: 1R1G1B_Flip Chip
- LED Pole type: Common Cathode
- LED Lifetime (Hrs): 100.000
- Pixel Pitch (mm): 0.9375
- Module Size (WxH in mm): 150x168.75
- Module Resolution (WxH in pixels): 160x180
- Black screen power saving: Yes
- Weight (KG): 0,15

Cabinet/LED Panel

- Cabinet Size (WxHxD in mm): 600x337.5x33.6
- Cabinet Size (inch): 27.1"
- Cabinet Resolution (WxH in pixels): 640x360
- Receiving card brand: Novastar
- Receiving card type: A10s Pro x2
- Weight (KG): 4.7±0.2
- Cabinet pixels (Dot): 1.137.777
- Cabinet Area (m2): 0.2052
- Data connector: RJ45
- Power connector: 3 pin connector
- Cabinet Construction: Die-Casting

Picture

- Brightness (nits): 600
- Color Temperature (K) default: 6500K±500
- Color Temperature (K) adjust range (by software): 3000-10000
- Viewing Angle (°) H/V: 160°
- Brightness Uniformity: >=97%
- Contrast Ratio: 5000:1
- Calibration (Brightness/Color): Color and Brightness
- Bit-depth (bit): 13
- Refresh rate (Hz): 1920-3840 Hz
- Frame Frequency (Hz): 50-60

Power

- Cabinet Max Power consumption (W) (BC): <80
- Cabinet Max Power consumption (W) (AC): <60
- Cabinet Typical Power consumption (W) (AC): <20.25
- Power Consumption/M2 (W)(BC): 390
- Power Consumption/M2 (W)(AC): 354
- BTU/M2 (BC): 1330
- BTU/M2 (AC): 1207
- Power Consumption Cabinet black screen (W): <25.9
- Max cabinets power daisy chain: 16
- Input Voltage: AC100~240V (50 & 60Hz)

Operating

- Temperature range (°C):
 - Operation Temperature: -10 - 45°C
 - Storage temperature: -40 - 60°C
- Humidity range (RH):
 - Operation Humidity: 10%-90%RH
 - Storage Humidity: 10%-70%RH
- Working environment (indoor/outdoor): Indoor

Miscellaneous

- Certification:
 - China CCC: CCC
 - CE: CE
 - CE / CB report / RoHS & WEEE: CB
 - FCC / ETL report: FCC / ETL
 - CE: UKCA
 - Saudi Arabia: SASO
- Warranty (months): 36

Accessories (included)

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

Packaging

- Packing Size (WxHxD in mm): 822x461x99
- Gross Weight (Full product, incl. acc. & packing in KG): 6.1±0.2

P1.25

LED Module LED

- LED Type: COB
- Pixel constitution: 1R1G1B_Flip Chip
- LED Pole type: Common Cathode
- LED Lifetime (Hrs): 100.000
- Pixel Pitch (mm): 1,25
- Module Size (WxH in mm): 150x168.75
- Module Resolution (WxH in pixels): 120x135
- Black screen power saving: Yes
- Weight (KG): 0,14

Cabinet/LED Panel

- Cabinet Size (WxHxD in mm): 600x337.5x33.6
- Cabinet Size (inch): 27.1"
- Cabinet Resolution (WxH in pixels): 480x270
- Receiving card brand: Novastar
- Receiving card type: ABS-N
- Weight (KG): 4.7±0.2
- Cabinet pixels (Dot): 129.600
- Cabinet Area (m2): 0.2052
- Data connector: RJ45
- Power connector: 3 pin connector
- Cabinet Construction: Die-Casting

Picture

- Brightness (nits): 600
- Color Temperature (K) default: 6500K±500
- Color Temperature (K) adjust range (by software): 3000-10000
- Viewing Angle (°) H/V: 160°
- Brightness Uniformity: >=97%
- Contrast Ratio: 5000:1
- Calibration (Brightness/Color): Color and Brightness
- Bit-depth (bit): 13
- Refresh rate (Hz): 1920-3840 Hz
- Frame Frequency (Hz): 50-60

Power

- Cabinet Max Power consumption (W) (BC): <75
- Cabinet Max Power consumption (W) (AC): <59
- Cabinet Typical Power consumption (W) (AC): <18.22
- Power Consumption/M2 (W)(BC): 371.5
- Power Consumption/M2 (W)(AC): 303.75
- BTU/M2 (BC): 1267
- BTU/M2 (AC): 1036
- Power Consumption Cabinet black screen (W): <16.7
- Max cabinets power daisy chain: 16
- Input Voltage: AC100~240V (50 & 60Hz)

Operating

- Temperature range (°C):
 - Operation Temperature: -10 - 45°C
 - Storage temperature: -40 - 60°C
- Humidity range (RH):
 - Operation Humidity: 10%-90%RH
 - Storage Humidity: 10%-70%RH
- Working environment (indoor/outdoor): Indoor

Miscellaneous

- Certification:
 - China CCC: CCC
 - CE: CE
 - CE / CB report / RoHS & WEEE: CB
 - FCC / ETL report: FCC / ETL
 - CE: UKCA
 - Saudi Arabia: SASO
- Warranty (months): 36

Accessories (included)

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

Packaging

- Packing Size (WxHxD in mm): 822x461x99
- Gross Weight (Full product, incl. acc. & packing in KG): 6.1±0.2

Specifications

PI.5

LED Module LED

- LED Type: COB
- Pixel constitution: 1R1G1B_Flip Chip
- LED Pole type: Common Anode
- LED Lifetime (Hrs): 100.000
- Pixel Pitch (mm): 1.5625
- Module Size (WxH in mm): 150x168.75
- Module Resolution (WxH in pixels): 96x108
- Black screen power saving: Yes
- Weight (KG): 0.137

Cabinet/LED Panel

- Cabinet Size (WxHxD in mm): 600x337.5x33.6
- Cabinet Size (inch): 27.1"
- Cabinet Resolution (WxH in pixels): 384x216
- Receiving card brand: Novastar
- Receiving card type: A85-N
- Weight (KG): 4.7±0.2
- Cabinet pixels (Dot): 82.944
- Cabinet Area (m2): 0.2052
- Data connector: RJ45
- Power connector: 3 pin connector
- Cabinet Construction: Die-Casting

Picture

- Brightness (nits): 600
- Color Temperature (K) default: 6500K±500
- Color Temperature (K) adjust range (by software): 3000-10000
- Viewing Angle (°) H/V: 160°
- Brightness Uniformity: ≥97%
- Contrast Ratio: 5000:1
- Calibration (Brightness/Color): Color and Brightness
- Bit-depth (bit): 13
- Refresh rate (Hz): 1920-3840 Hz
- Frame Frequency (Hz): 50-60

Power

- Cabinet Max Power consumption (W) (BC): <70
- Cabinet Max Power consumption (W) (AC): <52
- Cabinet Typical Power consumption (W) (AC): <19
- Power Consumption/M2 (W)(BC): 346
- Power Consumption/M2 (W)(AC): 290
- BTU/M2 (BC): 1182
- BTU/M2 (AC): 989
- Power Consumption Cabinet black screen (W): <15.6
- Max cabinets power daisy chain: 16
- Input Voltage: AC100~240V (50 & 60Hz)

Operating

- Temperature range (°C):
 - Operation Temperature: -10 - 45°C
 - Storage temperature: -40 - 60°C
- Humidity range (RH):
 - Operation Humidity: 10%-90%RH
 - Storage Humidity: 10%-70%RH
- Working environment (indoor/outdoor): Indoor

Miscellaneous

- Certification:
 - China CCC: CCC
 - CE: CE
 - CE / CB report / RoHS & WEEE: CB
 - FCC / ETL report: FCC / ETL
 - CE: UKCA
 - Saudi Arabia: SASO
- Warranty (months): 36

Accessories (included)

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

Packaging

- Packing Size (WxHxD in mm): 822x461x99
- Gross Weight (Full product, incl. acc. & packing in KG): 6.1±0.2

PI.875

LED Module LED

- LED Type: COB
- Pixel constitution: 1R1G1B_Flip Chip
- LED Pole type: Common Anode
- LED Lifetime (Hrs): 100.000
- Pixel Pitch (mm): 1.875
- Module Size (WxH in mm): 150x168.75
- Module Resolution (WxH in pixels): 80x90
- Black screen power saving: Yes
- Weight (KG): 0.137

Cabinet/LED Panel

- Cabinet Size (WxHxD in mm): 600x337.5x33.6
- Cabinet Size (inch): 27.1"
- Cabinet Resolution (WxH in pixels): 320x180
- Receiving card brand: Novastar
- Receiving card type: A85-N
- Weight (KG): 4.7±0.2
- Cabinet pixels (Dot): 57.600
- Cabinet Area (m2): 0.2052
- Data connector: RJ45
- Power connector: 3 pin connector
- Cabinet Construction: Die-Casting

Picture

- Brightness (nits): 600
- Color Temperature (K) default: 6500K±500
- Color Temperature (K) adjust range (by software): 3000-10000
- Viewing Angle (°) H/V: 160°
- Brightness Uniformity: ≥97%
- Contrast Ratio: 5000:1
- Calibration (Brightness/Color): Color and Brightness
- Bit-depth (bit): 13
- Refresh rate (Hz): 1920-3840 Hz
- Frame Frequency (Hz): 50-60

Power

- 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
- BTU/M2 (BC): 1153
- BTU/M2 (AC): 972
- Power Consumption Cabinet black screen (W): <15.6
- Max cabinets power daisy chain: 16
- Input Voltage: AC100~240V (50 & 60Hz)

Operating

- Temperature range (°C):
 - Operation Temperature: -10 - 45°C
 - Storage temperature: -40 - 60°C
- Humidity range (RH):
 - Operation Humidity: 10%-90%RH
 - Storage Humidity: 10%-70%RH
- Working environment (indoor/outdoor): Indoor

Miscellaneous

- Certification:
 - China CCC: CCC
 - CE: CE
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 - Saudi Arabia: SASO
- Warranty (months): 36

Accessories (included)

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

Packaging

- Packing Size (WxHxD in mm): 822x461x99
- Gross Weight (Full product, incl. acc. & packing in KG): 6.1±0.2

Highlights

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.

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.

Cool low power consumption

Common cathode technology boosts the energy efficiency of the P0.78, P0.93, and P1.25 Philips LED Unite 5000 Series panels, optimising power consumption without compromising on performance. This 'cool' LED technology enables precise control over each cathode, minimising heat output, to ensure the display is more energy conscious and, ultimately, more environmentally friendly.

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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