PHILIPS

LED Display

Signage Solutions

Philips Urban LED 6000 Series

67HUL6510DP

Outdoor LED Digital Billboard

The Urban LED 6000 is energy efficient, boasts ultra-high brightness of 10,000 nits with P10 pixel pitch. Ultimate visuals for billboards, arenas and airports. With front and rear maintenance access, it accommodates different cabinet sizes.

Effortless picture quality. Endless possibilities.

- Ultra-high brightness direct view
- Crystal clear images
- Various panel dimensions
- Different panels for the right fit
- High energy efficiency
- Easy maintenance front and rear
- Made for outdoors

67HUL6510DP/00

Highlights

Ultra-high brightness direct view
Make the ultimate impact with crisp, clear and vibrant content in bright locations. The high brightness Philips Urban LED 6000 Series ensures optimal viewing performance even in direct sunlight.

Crystal clear images
Adapted shader mask design for outdoor NPP solutions and the underlying technologies bring Philips Urban LED 6000 series an unparalleled high contrast ratio and high refresh rate, delivering smooth broadcasting with more colour subtlety, shading and saturation.

Various panel dimensions
The Philips Urban LED 6000 Series is designed to mix different cabinet types to create your perfect dimensions and enable many options for splicing.

Different panels for the right fit
Choose from gold or copper wire panels. The gold wire range provide brighter dvLED display, less heat generation and longer durability.

High energy efficiency
The heat dissipation not only effectively improves the efficiency of the heat dissipation, but also reduces the power consumption, contributing to sustainability goals.

Easy maintenance
All modules and components can be maintained from the front and rear sides. Modules can be unlocked from the front or rear. The internal electronics are also easy to access for servicing or maintenance. Each of the LED modules in a cabinet can be unlocked using a T-hex tool, in order to remove the module from the front or via the rear side.

Made for outdoors
IP66 rated: dustproof, waterproof and salt spray resistant.

Specifications

Picture/Display
Brightness (nits): 10000 nit
Calibration (brightness/colour): Colour and Brightness
Colour temperature adjust range: 3000~10000 K
Contrast ratio: 10000:1
Bit-depth (bit): ≥14
Frame frequency (Hz): 50 - 60
Scan rate (lines): 3
Refresh rate (Hz): 7680 (with CE report and cert.)
Viewing angle (°) H/V: 160/70

Power
Consumption (Typical): 252 W
Max Power consumption (W): 900 W
Input voltage: AC100~240 V (50 and 60 Hz)
BTU/M2 (BC): 2132.59
BTU/M2 (AC): 1706.07
Power consumption/M2 (W) (BC): 625
Power consumption/M2 (W) (AC): 500

Operating conditions
Temperature range (operation): -30~50 °C
Temperature range (storage): -40~60 °C
Humidity range (operation)[RH]: 10~90%
Humidity range (storage) [RH]: 10~70%
Working environment (indoor/outdoor): outdoor
IP Rating (front/rear): IP66/65

Cabinet
Cabinet area (m2): 1.44
Cabinet pixels (Dot): 14400
Cabinet resolution (W x H): 120 x 120 pixels
Data connector: Seetronic
Power connector: Seetronic
Receiving card brand: Novastar
Weight (kg): 46.5±1
Cabinet construction: Profile aluminium
Cabinet Size (W x H x D in mm): 1200 x 1200
Cabinet size (inches): 67"

Module
LED type: SMD
Pixel constitution: 1R1G1B
Module resolution (WxH pixels): 40 x 30
Pixel pitch (mm): 10
Module size (W x H in mm): 400 x 300
Weight (kg): 1.35~1.45 kg
LED part number: SMD2727
LED Lifetime (hrs, half brightness): 100 000

Miscellaneous
Warranty: 36 months
Regulatory approvals: RoHS, EMC, FCC SDOC, Part 15, Class A, ETL, LVD
Certification: TUV, ITS

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