PHILIPS

LED Display

Signage Solutions

Philips Urban LED 6000 Series

47HUL6510DP

Outdoor LED Digital Billboard

The Urban LED 6000 is energy efficient and delivers ultra-high brightness with exceptional visual clarity. Ultimate visuals for billboards, arenas and airports. With front and rear maintenance 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 outdoor

47HUL6510DP/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 for optimal viewing performance even with direct sunlight.

Crystal clear images
Adapted shader mask design for outdoor NPP solutions and the underlying technologies bring Philips Urban LED 6000 series 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
Chose 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 is 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 front and rear side. Modules can be unlocked from 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, to be able to remove the module out from the front or via the rear side.

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

Specifications

Picture/Display
Brightness (nits): 10000 nit
Calibration(brightness/color): Color and Brightness
Color 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): 126 W
Max Power consumption (W): 450 W
Input voltage: AC100~240V (50 & 60Hz)
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): 0.72
Cabinet pixels (Dot): 7200
Cabinet resolution (W x H): 80x90 pixels
Data connector: Seetronic
Power connector: Seetronic
Receving card brand: Novastar
Weight (KG): 22.5±1
Cabinet construction: Profile aluminum
Cabinet Size (WxHxD in mm): 800x900
Cabinet size (inch): 47"

Module
LED type: SMD
Pixel constitution: 1R1G1B
Module resolution (WxH pixels): 40x30
Pixel pitch (mm): 10
Module size (WxH in mm): 400x300
Weight(KG): 1.35~1.45kg
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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