PHILIPS

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

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): 6000 nit

Calibration(brightness/color): Color and Brightness

Color temperature default: 8000±500 K

Contrast ratio: 7000:1

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: 160/90

Power

Consumption (Typical): 146 W

Max Power consumption (W): 457 W

Input voltage: AC100~240V (50 & 60Hz)

BTU/M2 (BC): 2166.71

BTU/M2 (AC): 1808.44

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): 10368

Cabinet resolution (W x H): 96x108 pixels

Data connector: Seetronic

Power connector: Seetronic

Receiving card brand: Novastar

Weight (KG): 22.5±1

Cabinet construction: Profile aluminum

Cabinet Size (WxHxD in mm): 800x900

Cabinet size (inch): 47.5"

Module

LED type: SMD

Pixel constitution: 1R1G1B

Module resolution (WxH pixels): 48x36

Pixel pitch (mm): 8.33

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: 24 months

Regulatory approvals: RoHS, EMC, FCC SDOC, Part 15, Class A, ETL, LVD

Certification: TUV, ITS

PHILIPS

www.philips.com