



# LED Display

**Signage Solutions** 

Philips Urban LED 6000 Series



57HUL6510DP

# **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 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

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): 168 W Max Power consumption (W): 600 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): 0.96 Cabinet pixels ( Dot ): 9600

Cabinet resolution (W x H): 80x120 pixels

Data connector: Seetronic Power connector: Seetronic Receving card brand: Novastar

Weight (KG): 30.5±1

Cabinet construction: Profile aluminum Cabinet Size (WxHxD in mm): 800x1200

Cabinet size (inch): 57"

### **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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