

PHILIPS



LED Display

Signage Solutions

Urban LED 7000 Series



28HUL7148DP

Philips Urban LED 7000 Series

Versatile brilliance. Outdoor mastery

Offering a series of fine pixel pitches, the range ensures high brightness for advertising displays at bus stations, arenas, airports and more. Housed in a die-cast aluminium cabinet, with front and rear access for simplified maintenance.

Efficient and versatile solution

- Fine pixel pitch outdoor fixed installations
- Range of cabinet sizes to suit space requirements
- Narrow pixel pitch options (mm): 2.9, 3.9 or 4.8
- High brightness for optimal visibility
- Die cast aluminium cabinet
- Front and rear access for easier servicing and maintenance
- IP66 rated - resilient against environmental factors

Highlights

Fine pixel pitch outdoor fixed installations

Adapted shader mask design for outdoor NPP solutions and the underlying technologies bring Philips Urban LED 7000 series an unparalleled high contrast ratio and high refresh rate, delivering smooth broadcasting with more colour subtlety, shading and saturation.

Range of cabinet sizes

The Philips Urban LED 7000 Series is designed to enable different cabinet sizes and pixel pitches to be mixed to create your perfect dimensions and enable many options for splicing.

High brightness

Make the ultimate impact with crisp, clear and vibrant content in bright locations. The high brightness Philips Urban LED 7000 Series ensures optimal viewing performance even in direct sunlight.

Front and rear access

All modules and components can be maintained from the front and rear. 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, enabling removal of the module from the front or via the rear.

IP66 rated

Dustproof, waterproof and salt spray resistant, IP66 tested and confirmed to meet ingress protection level 6.

Specifications

Picture/Display

Brightness after calibration: 6000

Brightness before calibration: 7000

Calibration (brightness/colour): Colour and Brightness

Colour temperature adjust range: 3000~10000

Colour temperature default: 8000

Contrast ratio: 8000:1

Bit-depth (bit): 14

Frame frequency (Hz): 50 & 60

Refresh rate (Hz): 3840 Hz (with CE report and cert.)

Viewing angle (°) H/V: 160/90

Power

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

BTU/M2 (BC): 2250.60

BTU/M2 (AC): 1923.24

Cabinet Typical Power consumption (W) (AC): 58

Power consumption/M2 (W) (BC): 660

Power consumption/M2 (W) (AC): 564

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%~90%

Working environment (indoor/outdoor): outdoor

IP Rating (front/rear): IP66/65

Cabinet

Cabinet area (m2): 0.25

Cabinet pixels (Dot): 10816

Cabinet resolution (W x H): 104 x 104 pixels

Data connector: Seetronic

Power connector: Seetronic

Weight (kg): 8.5±0.5 kg

Cabinet construction: Profile Aluminium

Cabinet Size (W x H x D in mm): 500 x 500 x 81.6

Cabinet size (inches): 28"

Control System: Novastar

Module

LED type: SMD

Pixel constitution: 1R1G1B

Module resolution (WxH pixels): 104 x 52

Pixel pitch (mm): 4.8

Module size (W x H in mm): 500 x 250

Weight (kg): 1.85±0.1 kg

LED size: SMD1921

LED Lifetime (hrs, half brightness): 100 000

Miscellaneous

Warranty: 36 months

Regulatory approvals: CB, CE, ETL, FCC

Certification: TUV, ITS

