PHILIPS

LED Display

Signage Solutions

28"

Direct View LED

28HUL7048DP

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

28HUL7048DP/00

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: 4500
Brightness before calibration: 5000
Calibration (brightness/colour): Colour and Brightness
Colour temperature adjust range: 3000~10000
Colour temperature default: 8000
Contrast ratio: 7000:1
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): 2005.08
BTU/M2 (AC): 1500.40
Cabinet Typical Power consumption (W) (AC): 52
Power consumption/M2 (W) (BC): 588
Power consumption/M2 (W) (AC): 440

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 diagonal (inch): 28"
Cabinet construction: Profile Aluminium
Cabinet Size (W x H x D in mm): 500 x 500 x 81.6
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: 24 months
Regulatory approvals: CB, CE, ETL, FCC
Certification: TUV, ITS

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