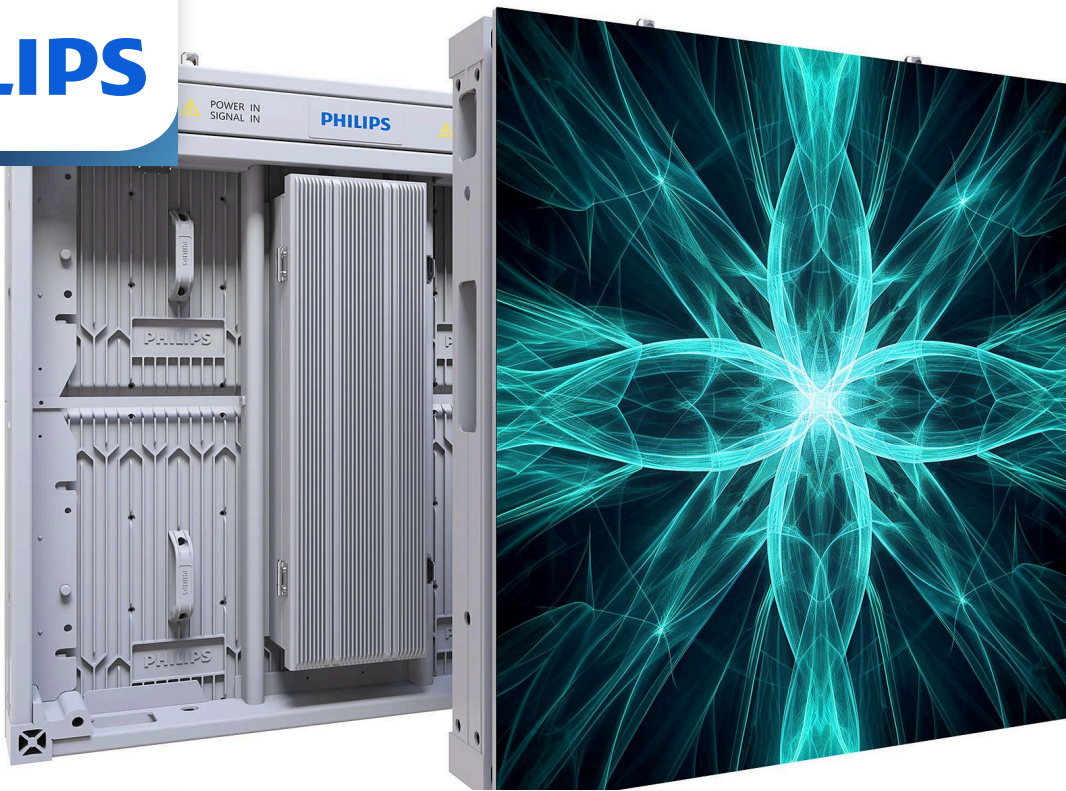


# PHILIPS



## LED Display

### Signage Solutions

Urban LED 7000 Series



28HUL7139DP

## 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 aluminum 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 aluminum 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 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/color):** Color and Brightness  
**Color temperature adjust range:** 3000~10000  
**Color 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:** AC100~240V (50 & 60Hz)  
**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 ):** 16384  
**Cabinet resolution (W x H):** 128x128 pixels  
**Data connector:** Seetronic  
**Power connector:** Seetronic  
**Weight (KG):** 8.5±0.5kg  
**Cabinet construction:** Profile Aluminum  
**Cabinet Size (WxHxD in mm):** 500x500x81.6  
**Cabinet size (inch):** 28"  
**Control System:** Novastar

## Module

**LED type:** SMD  
**Pixel constitution:** 1R1G1B  
**Module resolution (WxH pixels):** 128x64  
**Pixel pitch (mm):** 3.9  
**Module size (WxH in mm):** 500x250  
**Weight(KG):** 1.85±0.1kg  
**LED size:** SMD1921  
**LED Lifetime (Hrs, half brightness):** 100,000

## Miscellaneous

**Warranty:** 36 months  
**Regulatory approvals:** CB, CE, ETL, FCC  
**Certification:** TUV, ITS

