

# PHILIPS

LCD monitor with  
USB-C docking

Brilliance

P Line

32 (31.5"/80 cm diag.)

3840 x 2160 (4K UHD)

329P9H



## Ultra clarity, outstanding colour, for when it matters

When every detail matters, Philips Brilliance 32" 4K display delivers crisp visuals with accurate colour. Convenient features like USB-C docking and a secure pop-up webcam increase your productivity.

### Brilliant performance

- UltraClear 4K UHD (3840 x 2160) resolution for precision
- IPS technology for full colours and wide viewing angles

### Designed for the way you work

- MultiView enables simultaneous dual connection and view
- SmartErgoBase enables user-friendly ergonomic adjustments
- Secure sign-in with pop-up webcam
- LowBlue Mode for easy-on-the-eyes productivity

### Optimal Connectivity

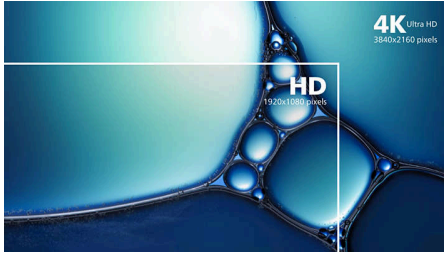
- Built-in USB-C docking station
- Built-in RJ-45 Ethernet gives data security

### Sustainable Eco-design

- PowerSensor saves up to 70% energy costs
- LightSensor for the perfect brightness with minimal power

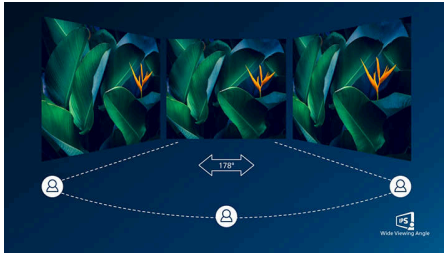
# Highlights

## UltraClear 4K UHD Resolution



These Philips displays utilise high-performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are a demanding professional requiring extremely detailed images for CAD solutions, a user of 3D graphics applications or a financial wizard working on huge spreadsheets, Philips displays will make your images and graphics come alive.

## IPS technology



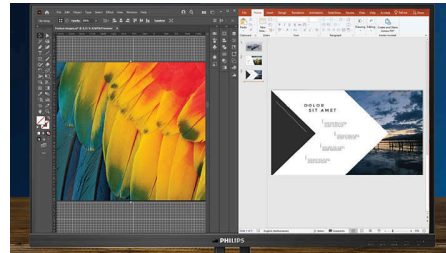
IPS displays use advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle — even in 90-degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colours, making it ideal not only for Photos, films and web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all times.

## Built-in USB-C docking station



This Philips display features a built-in USB type-C docking station with power delivery. Its slim, reversible USB-C connector allows for easy, one-cable docking. Keep it simple by connecting all your peripherals, like your keyboard, mouse and your RJ-45 Ethernet cable to the monitor's docking station. Simply connect your notebook to this monitor with a single USB-C cable to watch high-resolution video and transfer super-speed data while powering up and recharging your notebook at the same time.

## MultiView technology



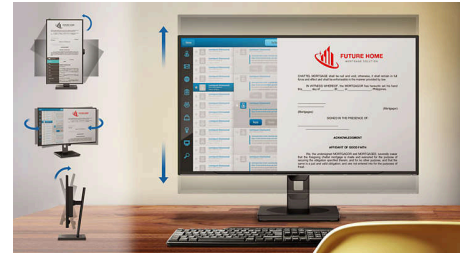
With the ultra-high resolution Philips MultiView display, you can now experience a world of connectivity. MultiView enables active dual connect and view so that you can work with multiple devices like a PC and notebook simultaneously, for complex multitasking.

## Pop-up webcam



Philips' innovative and secure webcam pops up when you need it and securely tucks back into the monitor when you are not using it. The webcam is also equipped with advanced sensors for Windows Hello facial recognition, which conveniently logs you into your Windows devices in less than 2 seconds, 3 times faster than a password.

## SmartErgoBase

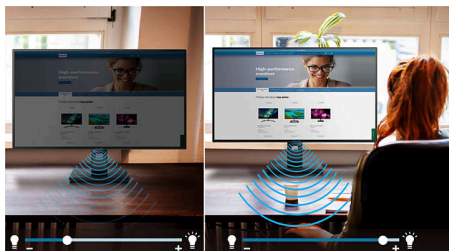


The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height-adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.



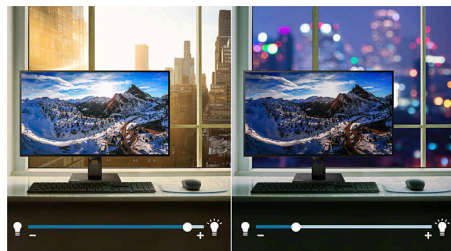
## Highlights

### PowerSensor



PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if the user is present and automatically reduces monitor brightness when the user steps away from the desk, cutting energy costs by up to 70 percent and prolonging monitor life.

### LightSensor



LightSensor uses a smart sensor to adjust the picture brightness depending on the light conditions in the room for the perfect picture with minimal power usage.

### LowBlue Mode



Studies have shown that just as ultra-violet rays can cause eye damage, shortwave-length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, the Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.



# Specifications

## Picture/Display

Panel Size: 31.5 inch/80 cm

Aspect ratio: 16:9

LCD panel type: IPS technology

Backlight type: W-LED system

Pixel pitch: 0.182 x 0.182 mm

Optimum resolution: 3840 x 2160 @ 60 Hz

Brightness: 350 cd/m<sup>2</sup>

Display colours: Colour support 1.07 billion colours

Colour gamut (typical): NTSC 90%\*, sRGB 108%\*, Adobe RGB 87%\*

Contrast ratio (typical): 1300:1

SmartContrast: 50,000,000:1

Response time (typical): 5 ms (Grey to Grey)\*

Viewing angle: 178° (H)/178° (V), @ C/R > 10

Picture enhancement: SmartImage

Effective viewing area: 697.3 (H) x 392.2 (V)

Scanning Frequency: 30 - 160 kHz (H) / 23 - 80 Hz (V)

sRGB

Delta E: < 2

Flicker-free

Pixel Density: 140 PPI

LowBlue Mode

Display Screen Coating: Anti-Glare, 3H, Haze 25%

SmartUniformity: 97~102 %

EasyRead

## Connectivity

Signal Input: DisplayPort 1.2 x 1, DisplayPort out (Clone mode) x 1, HDMI 2.0 x 2, USB-C 3.1 Gen 2 x 1 (upstream, power delivery up to 65 W)

Sync Input: Separate Sync, Sync on Green

Audio (In/Out): Headphone out

RJ45: Ethernet LAN up to 1G\*

USB:: USB 3.1 x 4 (downstream with x 1 fast charge B.C 1.2)

HDCP: HDCP 2.2 (HDMI/DP/USB-C)

## USB

Power delivery: USB PD version 2.0

Super speed: Data and Video transfer

DP: Built-in Display Port Alt mode

USB-C max. power delivery: Up to 65 W (5 V/3 A; 9 V/3 A; 10 V/3 A; 12 V/3 A; 15 V/3 A; 20 V/3.25 A)

USB-C: Reversible plug connector

## Convenience

Built-in Speakers: 3 W x 2

Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10/8.1/8/7

User convenience: SmartImage, User 1, User 2, Menu, Power On/Off

OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian

Other convenience: Kensington lock, VESA mount (100 x 100 mm)

Control software: SmartControl

MultiView: PIP/PBP mode, 2 x devices

Built-in webcam: Pop-up 2.0 megapixel FHD camera with microphone and LED indicator

## Stand

Height adjustment: 180 mm

Pivot: -/+ 90 degree

Swivel: -/+ 175 degree

Tilt: -5/25 degree

# Specifications

## Power

**ECO mode:** 30.8 W (typ.)

**Power supply:** Built-in, 100–240 VAC, 50–60 Hz

**Off mode:** Zero watts with Zero switch

**On mode:** 33.95 W (typ.) (EnergyStar test method)

**Standby mode:** < 0.5 W (typ.)

**Power LED indicator:** Operation - White, Standby mode - White (flashing)

**Energy Label Class:** G

## Dimensions

**Packaging in mm (W x H x D):**

793 x 673 x 186 mm

**Product without stand (mm):** 715 x 412 x 51 mm

**Product with stand (max height):**

715 x 636 x 246 mm

## Weight

**Product with packaging (kg):** 14.43 kg

**Product with stand (kg):** 10.63 kg

**Product without stand (kg):** 7.33 kg

## Operating conditions

**Altitude:** Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)

**Temperature range (operation):** 0°C to 40 °C

**Relative humidity:** 20%-80 %

**Temperature range (storage):** -20°C to 60 °C

**MTBF (demonstrated):** 70,000 hrs (excluded backlight)

## Sustainability

**Environmental and energy:** PowerSensor, LightSensor, Energy Star 8.0, EPEAT\*, TCO Certified, WEEE, RoHS

**Post-consumer recycled plastic:** 85%

**Recyclable packaging material:** 100 %

**Specific Substances:** PVC/BFR free housing, Mercury free

## Compliance and standards

**Regulatory Approvals:** CE Mark, FCC Class B, China RoHS, UKRAINIAN, ICES-003, CU-EAC, cETLus, TUV Ergo, TUV/GS

## Cabinet

**Finish:** Texture

**Foot:** Black

**Front bezel:** Black

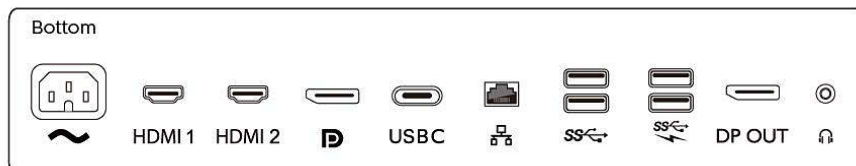
**Rear cover:** Black

## What's in the box?

**Cables:** HDMI cable, DP cable, USB-C to C cable, USB-C to A cable, Power cable

**Monitor with stand**

**User Documentation**



- \* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
- \* Response time value equal to SmartResponse
- \* NTSC Area based on CIE 1976
- \* sRGB Area based on CIE1931
- \* Adobe RGB Coverage based on CIE 1976
- \* Activities such as screen sharing and online streaming over the Internet can impact your network performance. Your hardware and network bandwidth will determine the overall audio and video quality.
- \* For USB-C power and charging function, your Notebook/device must support USB-C standard Power Delivery specifications. Please check with your Notebook user manual or manufacturer for more details.
- \* For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode
- \* If your Ethernet connection seems slow, please enter the OSD menu and select USB 3.0 or a higher version that can support the LAN speed up to 1G.
- \* Cannot support USB-C vs HDMI for PIP/PBP at the same time
- \* EPEAT rating is valid only where Philips registers the product. Please visit <https://www.epeat.net/> for registration status in your country.
- \* The monitor may look different from feature images.