

Philips Brilliance  
4K LCD monitor with  
Ultra Wide-Color

## P Line

32 (viewable 31.5"/80 cm)  
3840 x 2160 (4K UHD)

328P6VJEB



## UltraClear 4K resolution, ultra-vivid colour

for when it matters

The expansive 32" Ultra HD professional Philips display gives you the room to spread out, see the big picture and all the details in Ultra High Definition.

### Brilliant performance

- 1.074 billion colours for smooth colour gradations and detail
- Less eye fatigue with Flicker-Free technology
- UltraClear 4K UHD (3840 x 2160) resolution for precision
- VA display delivers awesome images with wide viewing angles
- Ultra Wide-Color wider range of colours for a vivid picture

### Designed for the way you work

- Built-in stereo speakers for multimedia
- MultiView enables simultaneous dual connection and view
- SmartErgoBase enables user-friendly ergonomic adjustments

### Easy to connect and enjoy

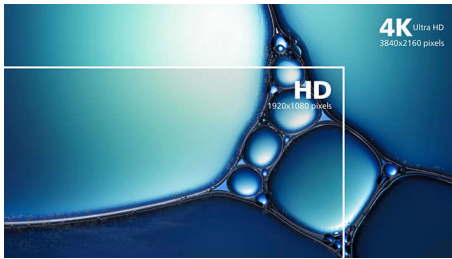
- MHL technology for enjoying mobile content on a big screen
- USB 3.0 enables fast data transfers and smart phone charging
- DisplayPort connection for maximum visuals
- HDMI for quick digital connection

# PHILIPS

4K LCD monitor with Ultra Wide-Color  
P Line 32 (viewable 31.5"/80 cm), 3840 x 2160 (4K UHD)

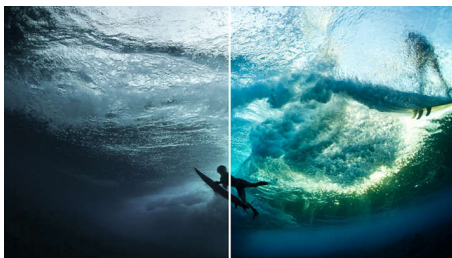
# Highlights

## UltraClear 4K UHD Resolution



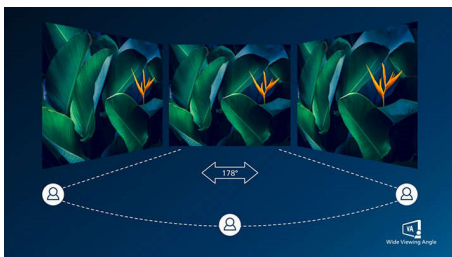
These Philips displays utilise high-performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are a demanding professional requiring extremely detailed images for CAD solutions, a user of 3D graphics applications or a financial wizard working on huge spreadsheets,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

## Ultra Wide-Color Technology



Ultra Wide-Color Technology delivers a wider spectrum of colours for a more brilliant picture. The Ultra Wide-Color wider "colour gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring media entertainment, images and even productivity more alive with vivid colours from Ultra Wide-Color Technology.

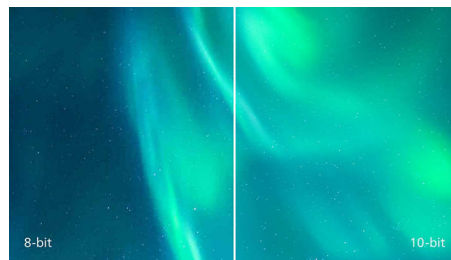
## VA display



The Philips VA LED display uses an advanced multi-domain vertical alignment technology that gives you super-high static contrast ratios

for extra-vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web browsing, films, gaming and demanding graphical applications. Its optimised pixel management technology gives you a 178/178 degree extra-wide viewing angle, resulting in crisp images.

## 10-bit colours



The 10-bit display delivers rich colour depth with 1.074 billion colours and 12-bit internal processing for recreating smooth, natural colours without gradations and colour banding.

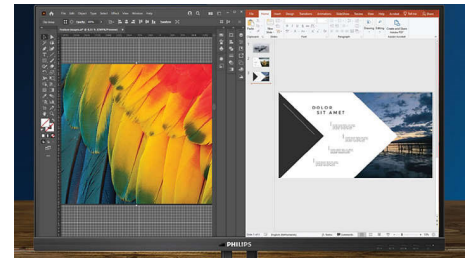
## Flicker-Free technology



Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-Free technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

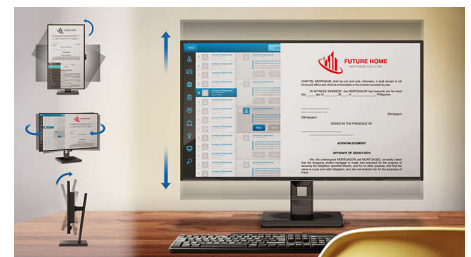
328P6VJEB/00

## 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.

## 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.

## Built-in stereo speakers



A pair of high-quality stereo speakers built into a display device. They may be visible front firing, or invisible down firing, top firing, rear firing etc. depending on model and design.

**4K**  
Ultra HD

Ultra Wide Color

Wide Viewing Angle

Flicker-free

Multiview

SmartErgo Base

Built-in Speaker

MHL  
Mobile High-Definition Link

**P**

# Specifications

## Connectivity

- Signal Input: VGA (Analogue), DVI-Dual Link (digital, HDCP), DisplayPort x 1, HDMI (2.0) — MHL x 1
- USB: USB 3.0x4 (1 w/fast charging)\*
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

## Picture/Display

- Panel Size: 31.5 inch/80.1 cm
- Aspect ratio: 16:9
- LCD panel type: VA LCD
- Backlight type: W-LED system
- Pixel pitch: 0.181 x 0.181 mm
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 300 cd/m<sup>2</sup>
- Brightness uniformity: 93 ~ 105%
- Display colours: Colour support 1.07 billion colours
- Colour gamut (typical): NTSC 95%
- Contrast ratio (typical): 3000:1
- SmartContrast: 50,000,000:1
- Response time (typical): 4 ms (Grey to Grey)\*
- Viewing angle: 178° (H)/178° (V), @ C/R >= 10
- Picture enhancement: SmartImage
- Effective viewing area: 698.4 (H) x 392.85 (V)
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB
- MHL: 1080P @ 60 Hz
- Flicker-free
- Display Screen Coating: Anti-Glare, 3H, Haze 25%

## 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, Multi-view, User, 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

## Stand

- Height adjustment: 180 mm
- Pivot: 90 degree
- Swivel: -170/+170 degree
- Tilt: -5/20 degree

## Power

- ECO mode: 28 W (typ.)
- Power supply: Built-in, 100–240 VAC, 50–60 Hz
- Off mode: Zero watts with Zero switch
- On mode: 31.71 W (EnergyStar test method)
- Standby mode: <0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

## Dimensions

- Packaging in mm (W x H x D): 970 x 526 x 224 mm
- Product without stand (mm): 742 x 438 x 63 mm
- Product with stand (max height): 742 x 657 x 270 mm

## Weight

- Product with packaging (kg): 13.39 kg
- Product with stand (kg): 9.23 kg
- Product without stand (kg): 6.27 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 °C
- Relative humidity: 20–80% %
- Temperature range (storage): -20°C to 60°C °C
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

## Sustainability

- Environmental and energy: EnergyStar 8.0, EPEAT\*, TCO Certified Edge, RoHS
- Post-consumer recycled plastic: 65%
- Recyclable packaging material: 100 %
- Specific Substances: PVC/BFR free housing, Mercury free

## Compliance and standards

- Regulatory Approvals: CE Mark, FCC Class B, RCM, BSMI, ICES-003, cETLus, EPA, PSB, CU-EAC, SEMKO, SASO, KUCAS, UKRAINIAN, PSE, WEEE, TUV Ergo, TUV/GS, CB

## Cabinet

- Finish: Texture
- Foot: Black
- Front bezel: Black
- Rear cover: Black

## What's in the box?

- Cables: D-Sub cable, DP cable, HDMI cable, Audio cable, Power cable
- Monitor with stand
- User Documentation



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EAN: 87 12581 74029 0

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[www.philips.com](http://www.philips.com)

\* This Philips display is MHL-certified. However, if your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for instructions. The policy of your device manufacturer may require you to purchase its brand-specific MHL cable or adapter in order for it to work

\* Requires optional MHL-certified mobile device and MHL cable (not included). Please check with your MHL device vendor for compatibility.

\* Standby/Off energy saving of ErP is not applicable for the MHL charging functionality

\* For a complete list of MHL-enabled products, refer to [www.mhlconsortium.org](http://www.mhlconsortium.org)

\* EPEAT rating is valid only where Philips registers the product. Please visit <https://www.epeat.net/> for registration status in your country.

\* Fast charging complies with USB BC 1.2 standard

\* Response time value equal to SmartResponse