



Philips Brilliance  
4K LCD monitor with  
Ultra Wide-Color

**P Line**

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

**Brilliance**

**328P6VJEB**



## UltraClear 4K resolution, ultra-vivid color

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

- UltraClear 4K UHD (3840x2160) resolution for precision
- Ultra Wide-Color wider range of colors for a vivid picture
- VA display delivers awesome images with wide viewing angles
- 1.074 billion colors for smooth color gradations and detail
- Less eye fatigue with Flicker-free technology

### Designed for the way you work

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

### Easy to connect and enjoy

- SmartConnect with DisplayPort, HDMI and VGA connections
- HDMI for quick digital connection
- MHL technology for enjoying mobile content on big screen
- DisplayPort connection for maximum visuals

**PHILIPS**

# Highlights

## UltraClear 4K UHD Resolution



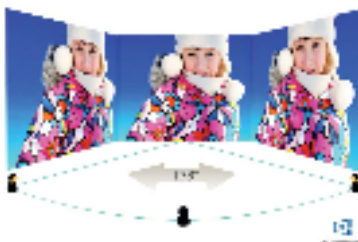
These latest Philips displays utilize high performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are demanding professional requiring extremely detailed images for CAD solutions, using 3D graphics applications or a financial wizard working on huge spreadsheets,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

## Ultra Wide-Color Technology



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

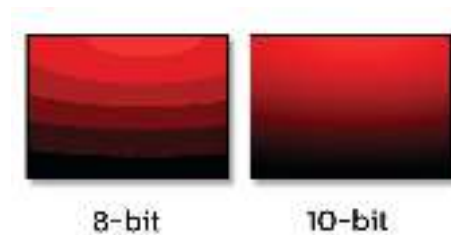
## VA display



Philips VA LED display uses an advanced multi-domain vertical alignment technology which

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, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images.

## 10-bit colors



The 10-bit display delivers rich color depth with 1.074 billion colors and 12-bit internal processing for re-creating smooth, natural colors without gradations and color 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.

## 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 multi-tasking.

## SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; 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. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

## SmartConnect for 4K

These Philips displays come equipped with the most advanced multi connections like VGA, Display Port, universal HDMI connector, enabling you to enjoy high resolution uncompressed video and audio content. New DisplayPort and HDMI 2.0 connection now enables full 4K resolution at 60Hz for smooth visuals. USB connections ensures that you can have super speed data transfers while having global connectivity. Regardless of what source you use, you can rest assured that this Philips display will ensure your investment is not made obsolete any time soon!



4K UHD



Ultra Wide-Color



VA display



FlickerFree



MultiView



SmartErgoBase



Built-in speakers



SmartConnect



USB 3.0

# Specifications

## Picture/Display

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

## Connectivity

- Signal Input: VGA (Analog), DVI-Dual Link (digital, HDCP), DisplayPort, 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

## Convenience

- Built-in Speakers: 3 W x 2
- MultiView: PIP/PBP mode, 2x devices
- User convenience: SmartImage, Multiview, User, Menu, Power On/Off
- Control software: SmartControl
- 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 (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

## Stand

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

## Power

- ECO mode: 28 W (typ.)
- On mode: 42.4 W (EnergyStar 7.0 test method)
- Standby mode: <0.5 W (typ.)
- Off mode: Zero watts with Zero switch
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

## Dimensions

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

## Weight

- Product with stand (kg): 9.23 kg
- Product without stand (kg): 6.27 kg
- Product with packaging (kg): 13.39 kg

## Operating conditions

- Temperature range (operation): 0°C to 40°C °C
- Temperature range (storage): -20°C to 60°C °C
- Relative humidity: 20%-80 %
- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

## Sustainability

- Environmental and energy: EnergyStar 7.0, EPEAT Gold\*, TCO edge, RoHS
- Recyclable packaging material: 100 %
- Post consumer recycled plastic: 65%
- Specific Substances: PVC / BFR free housing, Mercury free, Lead free

## Compliance and standards

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

## Cabinet

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



Issue date 2019-02-05

Version: 3.0.2

12 NC: 8670 001 38078  
EAN: 87 12581 74031 3

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

\* This Philips display is MHL certified. However, in case your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for direction. The policy of your device manufacturer may require you to purchase their brand specific MHL cable or adapter in order 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 complete list of MHL-enabled products refer to [www.mhlconsortium.org](http://www.mhlconsortium.org)

\* EPEAT Gold or Silver is valid only where Philips registers the product. Please visit [www.epeat.net](http://www.epeat.net) for registration status in your country.

\* Fast charging complies with USB BC 1.2 standard

\* Response time value equal to SmartResponse