

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 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

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

### Easy to connect and enjoy

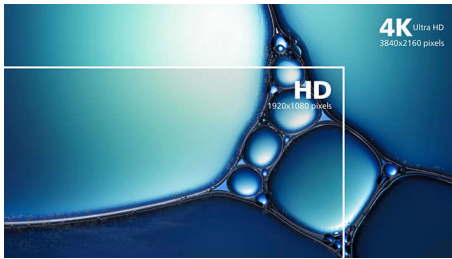
- MHL technology for enjoying mobile content on big screen
- USB 3.0 enables fast data transfers and smart phone charging
- DisplayPort connection for maximum visuals
- HDMI for quick digital connection

# PHILIPS

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

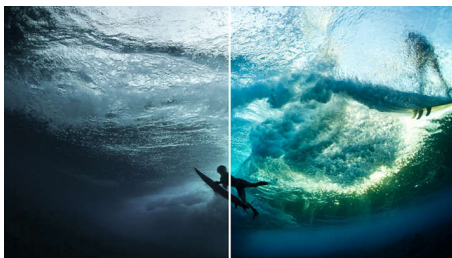
# Highlights

## UltraClear 4K UHD Resolution



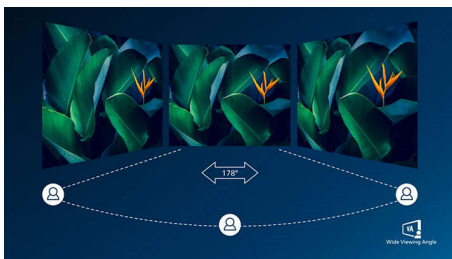
These Philips displays utilize high performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are demanding professional requiring extremely detailed images for CAD solutions, using 3D graphics applications or a financial wizard working on huge spreadsheets, Philips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

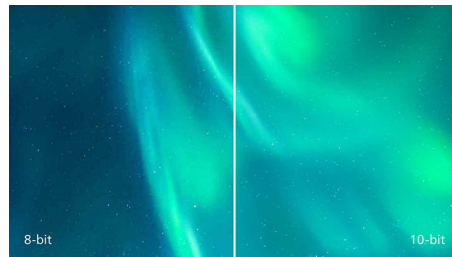
## VA display



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



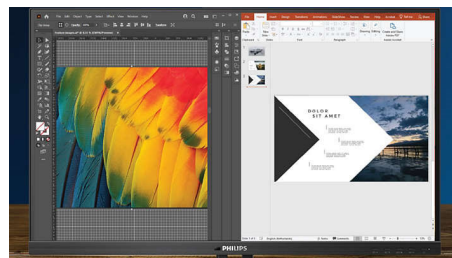
The 10-bit display delivers rich color depth with 1.074 billion colors and 12-bit internal processing for re-creating smooth, natural colors without gradations and color banding.

## 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

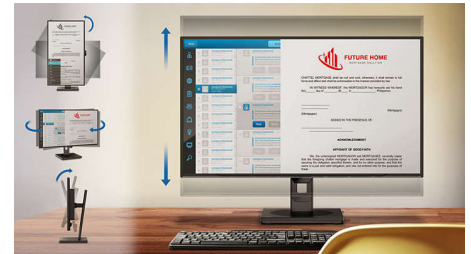


With the ultra-high resolution Philips MultiView display you can now experience a world of connectivity. MultiView enables active

328P6VJEB/69

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 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. 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!



# Specifications

## 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 @ 60Hz
- Brightness: 300 cd/m<sup>2</sup>
- Brightness uniformity: 93 ~ 105%
- Display colors: Color support 1.07 billion colors
- Color gamut (typical): NTSC 95%
- Contrast ratio (typical): 3,000:1
- SmartContrast: 50,000,000 :1
- Response time (typical): 4 ms (Gray to Gray)\*
- Viewing angle: 178° (H) / 178° (V), @ C/R &gt; 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 @ 60Hz
- Flicker-free
- Display Screen Coating: Anti-Glare, 3H, Haze 25%

## Connectivity

- Signal Input: VGA (Analog), 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

## Convenience

- Built-in Speakers: 3 W x 2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: SmartImage, Multiview, 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 (100x100mm)
- Control software: SmartControl
- MultiView: PIP/PBP mode, 2x 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, 100-240VAC, 50-60Hz
- 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 (blinking)

## Dimensions

- Packaging in mm (WxHxD): 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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- 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, ICES-003, cETLus, EPA, PSB, CU-EAC, SEMKO, KUCAS, UKRAINIAN, WEEE, TUV Ergo, TUV/ GS, CB

## Cabinet

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



Issue date 2024-11-26

Version: 5.0.2

EAN: 87 12581 74030 6

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\* 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 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