



Philips  
4K Ultra HD LCD monitor

### E Line

27" (68.6 cm)  
4K UHD (3840 x 2160)

276E8VJSB



## Magnificent view in an elegant design

The Philips 27" (68.6 cm) 4K UHD monitor gives ultra-clear picture quality. 4K UHD with wide view delivers the same ultimate clarity and lifelike visuals from any front-angle view. Flicker-free to reduce eye fatigue after prolonged use.

#### Superb Picture Quality

- UltraClear 4K UHD (3840 x 2160) resolution for precision
- IPS LED wide view technology for image and colour accuracy
- 1.074 billion colours for smooth colour gradations and detail

#### Elegant Design

- Elegant, slim design complements your home decor
- Narrow-border display for a seamless appearance

#### Features designed for you

- MultiView enables active dual connect and view at the same time
- HDMI-ready for Full HD entertainment
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity

#### Greener every day

- Eco-friendly materials meet major international standards
- Low power consumption saves energy bills

# PHILIPS

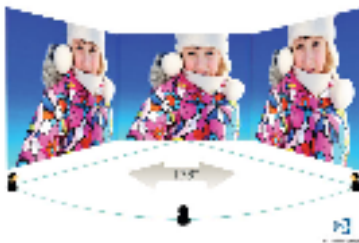
# Highlights

## UltraClear 4K UHD Resolution



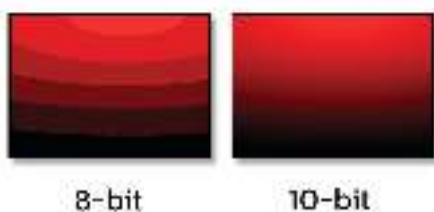
These latest Philips displays utilise high-performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are a professional requiring extremely detailed images for CAD solutions, using 3D graphics applications or are a financial wizard working on huge spreadsheets, Philips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

## IPS technology



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

## 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.

## Ultra-narrow Border



The new Philips displays feature ultra-narrow borders which allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setups like gaming, graphic design and professional applications, the ultra-narrow border display gives you the feeling of using one large display.

## MultiView technology

With the ultra-high resolution Philips MultiView display you can now experience a world of connectivity in comfort whether at the office or at home. MultiView enables active dual connect and view so that you can work with multiple devices like a PC and Notebook side-by-side simultaneously, making complex multi-tasking work a breeze. Watching live football feeds from your set-top box on the right-hand side, while browsing the Internet from your notebook on the left is now easy. You may want to keep an eye on the live news feed with audio in the small window, while working on your latest blog.

## HDMI Ready



An HDMI-ready device has all the required hardware to accept High-Definition

Multimedia Interface (HDMI) input. An HDMI cable enables high-quality digital video and audio to be transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).

## 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.

## 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

- LCD panel type: IPS technology
- Backlight type: W-LED system
- Panel Size: 27 inch/68.6 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 596.74 (H) x 335.66 (V)
- Aspect ratio: 16:9
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Pixel Density: 163 PPI
- Response time (typical): 5 ms (Grey to Grey)\*
- Brightness: 350 cd/m<sup>2</sup>
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.155 x 0.155 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage game
- Display colours: Colour support 1.07 billion colours
- Scanning Frequency: 30–83 kHz (H) / 59–61 Hz (V)
- LowBlue Mode
- sRGB

## Connectivity

- Signal Input: DisplayPort 1.2, HDMI 2.0 x 2
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): HDMI audio out

## Convenience

- MultiView: PIP/PBP mode, 2 x devices
- User convenience: Power On/Off, Menu, Brightness, Input, SmartImage Game
- 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
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

## Stand

- Tilt: -5/20 degree

## Power

- On mode: 19.9 W (typ.) (EnergyStar 7.0 test

method)

- Standby mode: < 0.5 W (typ.)
- Off mode: < 0.3 W (typ.)
- Energy Label Class: B
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: External, 100-240 VAC, 50-60 Hz

## Dimensions

- Product with stand (mm): 613 x 466 x 189 mm
- Product without stand (mm): 613 x 374 x 41 mm
- Packaging in mm (W x H x D): 660 x 523 x 135 mm

## Weight

- Product with stand (kg): 4.84 kg
- Product without stand (kg): 4.23 kg
- Product with packaging (kg): 6.53 kg

## Operating conditions

- Temperature range (operation): 0 to 40 °C
- Temperature range (storage): -20 to 60 °C
- Relative humidity: 20%–80% %
- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- MTBF: 50,000 hrs (excluding backlight) hour(s)

## Sustainability

- Environmental and energy: EnergyStar 7.0, EPEAT Silver, RoHS, Lead-free, Mercury Free, TCO certified, WEEE
- Recyclable packaging material: 100 %

## Compliance and standards

- Regulatory Approvals: CE Mark, FCC Class B, CU-EAC, TUV/ISO9241-307, RCM, BSMI, EPA, CCC, CECP, VCCI, ICES-003, cETLus, MEPS, CEL

## Cabinet

- Colour: Black/Gunmetal
- Finish: Glossy

## What's in the box?

- Monitor with stand
- Cables: HDMI cable, Power cable
- User Documentation



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\* "IPS" word mark / trademark and related patents on technologies  
belong to their respective owners.  
\* Response time value equal to SmartResponse  
\* The monitor may look different from feature images.