

# PHILIPS

Curved LCD monitor  
with Ultra Wide-Color

E Line

32 (31.5"/80 cm diag.)

Full HD (1920 x 1080)

328E9QJAB



## Stunning colour, ultimate immersion

Experience real immersion with Philips Curved Monitors. The 32" curved E line monitor offers a truly immersive experience with stunning Full HD image quality. Ultra Wide-Color tech gives colour quality that brings your images to life!

### Curved design inspired by the world around us

- Curved display design for a more immersive experience

### Superb Picture Quality

- Ultra Wide-Color wider range of colours for a vivid picture
- VA display delivers awesome images with wide viewing angles
- 16:9 Full HD display for crisp, detailed images
- Effortlessly smooth gameplay with AMD FreeSync™ technology

### Features designed for you

- Narrow-border display for a seamless appearance
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity
- HDMI ensures universal digital connectivity
- Built-in stereo speakers for multimedia
- DisplayPort connection for maximum visuals

# Highlights

## Curved display design



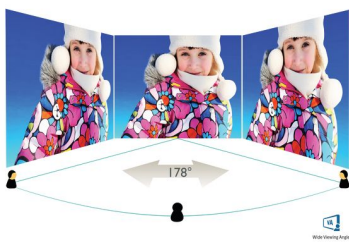
Desktop monitors offer a personal user experience, which suits a curved design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the centre of your desk.

## 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



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.

## 16:9 Full HD display



Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colours, expect a true-to-life picture.

## Ultra-smooth gaming



Gaming shouldn't be a choice between choppy gameplay or broken frames. With the new Philips monitor it doesn't have to be. Get fluid, artefact-free performance at virtually any frame rate with AMD FreeSync™ technology, smooth, quick refresh and ultra-fast response time.

## 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.

## 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:** VA LCD  
**Backlight type:** W-LED system  
**Panel Size:** 31.5 inch/80 cm  
**Display Screen Coating:** Anti-Glare, Haze 25%  
**Effective viewing area:** 698.4 (H) x 392.85 (V)  
 – at a 1800R curvature\*  
**Aspect ratio:** 16:9  
**Maximum resolution:** 1920 x 1080 @ 75 Hz\*  
**Pixel Density:** 70 PPI  
**Response time (typical):** 4 ms (Grey to Grey)\*  
**Brightness:** 250 cd/m<sup>2</sup>  
**Contrast ratio (typical):** 3000:1  
**SmartContrast:** 20,000,000:1  
**Pixel pitch:** 0.364 x 0.364 mm  
**Viewing angle:** 178° (H)/178° (V), @ C/R > 10  
**Flicker-free**  
**Picture enhancement:** SmartImage game  
**Colour gamut (typical):** NTSC 103%\*, sRGB 122.8%\*  
**Display colours:** 16.7 M  
**Scanning Frequency:** 53–84 kHz (H)/48–75 Hz (V)  
**sRGB**  
**FreeSync**  
**LowBlue Mode**

## Connectivity

**Signal Input:** VGA (Analogue), DisplayPort, HDMI (digital, HDCP)  
**Sync Input:** Separate Sync, Sync on Green  
**Audio (In/Out):** PC audio-in, Headphone out

## Convenience

**Built-in Speakers:** 3 W x 2  
**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, VESA mount (100 x 100 mm)  
**Plug and Play Compatibility:** DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

## Stand

**Tilt:** -5/20 degree

## Power

**On mode:** 38.26 W (typ.)  
**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:** Internal, 100–240 VAC, 50–60 Hz

## Dimensions

**Product with stand (mm):** 713 x 525 x 236 mm  
**Product without stand (mm):** 713 x 425 x 52 mm  
**Packaging in mm (W x H x D):** 827 x 626 x 233 mm

## Weight

**Product with stand (kg):** 6.78 kg  
**Product without stand (kg):** 6.40 kg  
**Product with packaging (kg):** 10.45 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:** RoHS, Lead-free, Mercury Free, WEEE  
**Recyclable packaging material:** 100 %

## Compliance and standards

**Regulatory Approvals:** CE Mark, FCC Class B, CU-EAC, TUV/ISO9241-307, RCM, BSMI, PSB, cETLus, MEPS, CB

## Cabinet

**Colour:** Black / Silver  
**Finish:** Glossy

## What's in the box?

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

