

# PHILIPS

Curved LCD monitor  
with Ultra Wide-Color

E Line

24 (23.6"/59.9 cm diag.)

1920 x 1080 (Full HD)

248E9QHSB



## Stunning colour, ultimate immersion

Experience real immersion with Philips Curved monitors. The 24" 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!

### Features designed for you

- HDMI ensures universal digital connectivity
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity
- Narrow-border display for a seamless appearance

### Curved design inspired by the world around us

- Curved display design for a more immersive experience

### Greener every day

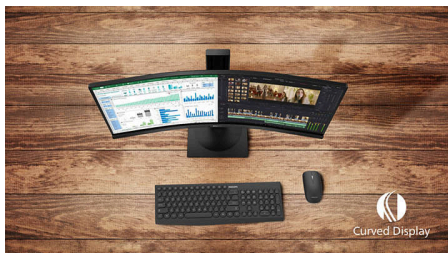
- Low power consumption saves energy bills
- Eco-friendly materials meet major international standards

### Superb Picture Quality

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

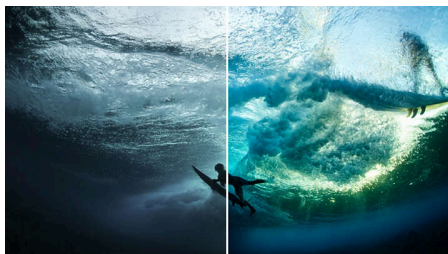
# Highlights

## Curved display design



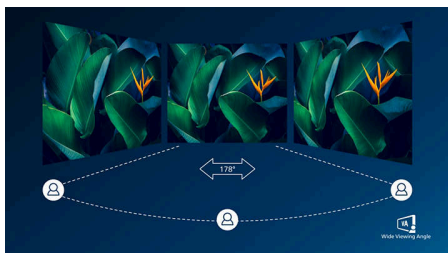
Desktop monitors offer a personal user experience, which suits a curved design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the centre of your desk.

## 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.

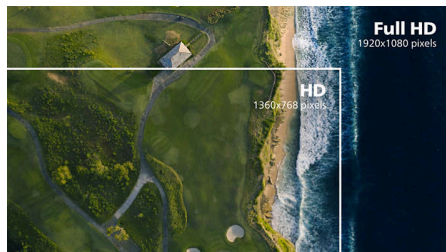
## VA display



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

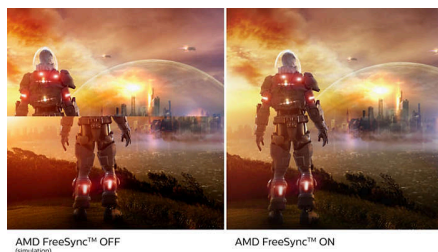
applications. Its optimised pixel management technology gives you a 178/178 degree extra-wide viewing angle, resulting in crisp images.

## 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.



# Highlights

## 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).

## Eco-friendly materials

"Philips is committed to using sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models, we use up to 65% post-consumer recycled plastics. Strict adherence to RoHS standards ensures a substantial reduction

or elimination of toxic substances like lead, for example. Mercury content in monitors with a CCFL backlight has been reduced significantly, and has been eliminated completely in monitors with an LED backlight.

## Low power consumption

Low power consumption saves energy bills



# Specifications

## Picture/Display

Panel Size: 23.6 inch/59.9 cm

Aspect ratio: 16:9

LCD panel type: VA LCD

Backlight type: W-LED system

Pixel pitch: 0.272 x 0.272 mm

Brightness: 250 cd/m<sup>2</sup>

Display colours: 16.7 M

Colour gamut (typical): NTSC 102%\*, sRGB 121%\*

Contrast ratio (typical): 3000:1

SmartContrast: 20,000,000:1

Response time (typical): 4 ms (Grey to Grey)\*

Viewing angle: 178° (H)/178° (V), @ C/R &gt; 10

Picture enhancement: SmartImage game

Maximum resolution: 1920 x 1080 @ 75 Hz\*

Effective viewing area: 521.4 (H) x 293.3 (V) - at a 1500R curvature\*

Scanning Frequency: 30–83 kHz (H)/50–76 Hz (V)

sRGB

Flicker-free

Pixel Density: 93 PPI

LowBlue Mode

Display Screen Coating: Anti-Glare, 3H, Haze 25%

AMD FreeSync™ technology

## Connectivity

Signal Input: VGA (Analogue), HDMI 1.4 x 1

Sync Input: Separate Sync, Sync on Green

Audio (In/Out): HDMI audio out

## Convenience

Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

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)

## Stand

Tilt: -5/20 degree

## Power

Power supply: External, 100–240 VAC, 50–60 Hz

Off mode: < 0.3 W (typ)

On mode: 31.30 W (typ.)

Standby mode: < 0.5 W (typ.)

Power LED indicator: Operation - White, Standby mode - White (flashing)

Energy Label Class: F

## Dimensions

Product with stand (mm): 537 x 412 x 190 mm

Packaging in mm (W x H x D):

601 x 481 x 175 mm

Product without stand (mm): 537 x 325 x 37 mm

## Weight

Product with packaging (kg): 4.87 kg

Product with stand (kg): 3.07 kg

Product without stand (kg): 2.80 kg

## Operating conditions

Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)

Temperature range (operation): 0 to 40 °C

MTBF: 50,000 hrs (excluding backlight) hour(s)

Relative humidity: 20%-80 %

Temperature range (storage): -20 to 60 °C

## Sustainability

Environmental and energy: RoHS, Mercury Free, WEEE

Recyclable packaging material: 100 %

## Compliance and standards

Regulatory Approvals: CE Mark, CU-EAC,

TUV/ISO9241-307, CECP, CB, CEL

## Cabinet

Colour: Black / Silver

Finish: Glossy

## What's in the box?

Cables: HDMI cable, power cable

Monitor with stand

User Documentation

