

# PHILIPS

## LCD monitor

E Line

22 (21.5"/54.6 cm diag.)

1920 x 1080 (Full HD)

226E9QSB



## Vivid and crisp details, design beyond boundaries

This stylish Brilliance monitor gives you the best view without boundaries. The wide-view display allows you to enjoy the same crisp and vivid picture quality from any front angle view. It is flicker free, reducing eye fatigue after long use.

### Features designed for you

- EasyRead mode for a paper-like reading experience
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity
- Narrow-border display for a seamless appearance

### Vivid pictures every time

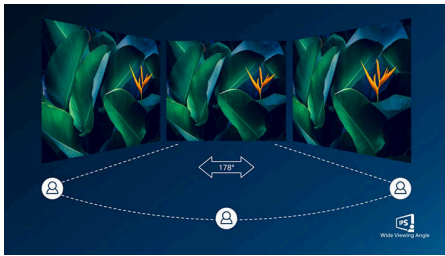
- IPS LED wide view technology for image and colour accuracy
- 16:9 Full HD display for crisp, detailed images

### Greener every day

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

# Highlights

## IPS technology



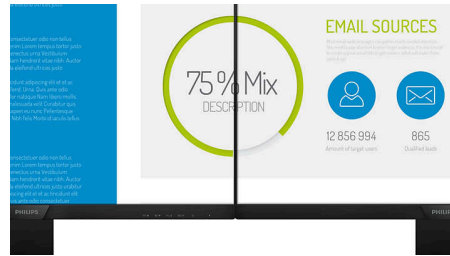
IPS displays use an advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays give you remarkably crisp images with vivid colours, making them ideal not only for Photos, movies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

## 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-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.

## EasyRead mode



EasyRead mode for a paper-like reading experience

## 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.



Wide Viewing Angle



Ultra Narrow Bezel



Flicker-free



LowBlue Mode



EasyRead



Wide Viewing Angle



Ultra Narrow Bezel

# Specifications

## Picture/Display

**Panel Size:** 21.5 inch/54.6 cm  
**Aspect ratio:** 16:9  
**LCD panel type:** IPS technology  
**Backlight type:** W-LED system  
**Pixel pitch:** 0.248 x 0.248 mm  
**Optimum resolution:** 1920 x 1080 @ 60 Hz  
**Brightness:** 250 cd/m<sup>2</sup>  
**Display colours:** 16.7 M  
**Contrast ratio (typical):** 1000:1  
**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 Lite  
**Effective viewing area:** 476.06 (H) x 267.79 (V)  
**Scanning Frequency:** 30–83 kHz (H)/50–76 Hz (V)  
**sRGB**  
**Flicker-free**  
**Pixel Density:** 102 PPI  
**LowBlue Mode**  
**Display Screen Coating:** Anti-Glare, 3H, Haze 25%  
**EasyRead**

## Connectivity

**Signal Input:** VGA (Analogue), DVI-D (digital, HDCP)  
**Sync Input:** Separate Sync, Sync on Green

## Convenience

**Plug and Play Compatibility:** DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7  
**User convenience:** Power On/Off, Menu, 4:3/Wide, Input, SmartImage Lite  
**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 (75 x 75 mm)

## Stand

**Tilt:** -5/20 degree

## Power

**Power supply:** External, 100–240 VAC, 50–60 Hz  
**Off mode:** < 0.3 W (typ.)  
**On mode:** 15.60 W (typ.) (EnergyStar 7.0 test method)  
**Standby mode:** < 0.5 W (typ.)  
**Power LED indicator:** Operation - White, Standby mode - White (flashing)  
**Energy Label Class:** E

## Dimensions

**Product with stand (mm):** 490 x 385 x 190 mm  
**Packaging in mm (W x H x D):** 565 x 434 x 153 mm  
**Product without stand (mm):** 490 x 297 x 35 mm

## Weight

**Product with packaging (kg):** 4.03 kg  
**Product with stand (kg):** 2.50 kg  
**Product without stand (kg):** 1.94 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 (excluding backlight) hour(s)  
**Relative humidity:** 20%-80 %  
**Temperature range (storage):** -20 to 60 °C

## Sustainability

**Environmental and energy:** EnergyStar 7.0, RoHS, Mercury Free, WEEE  
**Recyclable packaging material:** 100 %

## Compliance and standards

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

## Cabinet

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

## What's in the box?

**Cables:** D-Sub cable, Power cable  
**Monitor with stand**  
**User Documentation**

