

Philips  
LCD monitor

### S Line

22 (21.5"/54.6 cm diag.)  
1920 x 1080 (Full HD)

223S5LSB



## Essential features, efficient performance

for maximum productivity

The Philips LED display using PVC, BFR-free housing is ideal for eco-friendly productivity

#### **Vivid pictures every time**

- LED technology for vivid colours
- SmartContrast for rich black details
- 16:9 Full HD display for crisp, detailed images

#### **Great choice**

- Compact design saves space
- Mercury Free eco-friendly display
- VESA mount allows for flexibility

# PHILIPS

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# Highlights

## LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content, which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

## 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.

## SmartContrast



SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned

for just-right display of everyday office applications and lower power consumption.

## Mercury Free

Philips monitors with LED backlighting are free from Mercury, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its lifecycle, from manufacturing to disposal.

## Compact design saves space

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## VESA mount

VESA mount allows for flexibility



# Specifications

## Connectivity

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

## Picture/Display

- Panel Size: 21.5 inch/54.6 cm
- Aspect ratio: 16:9
- LCD panel type: TFT-LCD
- 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: 10,000,000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H)/160° (V), @ C/R &gt; 10
- Effective viewing area: 476.64 (H) x 268.11 (V)
- Scanning Frequency: 30–83 kHz (H)/56–76 Hz (V)
- sRGB

## Convenience

- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8
- User convenience: Power On/Off, Menu/OK, Brightness/Back, 4:3 Wide/Up, Auto/Down
- 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: Built-in, 100–240 VAC, 50–60 Hz
- Off mode: 0.5 W (typ.)

- On mode: 15.3 W (typ.) (EnergyStar 7.0 test method)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

## Dimensions

- Product with stand (mm): 503 x 376 x 213 mm
- Packaging in mm (W x H x D): 555 x 414 x 107 mm
- Product without stand (mm): 503 x 316 x 50 mm

## Weight

- Product with packaging (kg): 3.87 kg
- Product with stand (kg): 2.61 kg
- Product without stand (kg): 2.35 kg

## Operating conditions

- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- Temperature range (operation): 0°C to 40°C °C
- MTBF: 30,000 hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C

## Sustainability

- Environmental and energy: RoHS, Mercury Free
- Recyclable packaging material: 100 %

## Compliance and standards

- Regulatory Approvals: CE Mark, FCC Class B, EAC, SEMKO, BSMI, cETLus, TUV/ISO9241-307, WEEE

## Cabinet

- Colour: Black
- Finish: Hairline (front bezel)/Texture (rear cover)

## What's in the box?

- Cables: VGA, Power
- Monitor with stand
- User Documentation



Issue date 2024-04-26

Version: 8.0.1

EAN: 87 12581 74075 7

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