



Philips Brilliance  
LCD monitor with  
SmartImage

**S Line**  
24" (61 cm)  
1920 x 1200 (WUXGA)

**240S4QYMB**

## Sustainable productivity

with an energy efficient ergonomic LED display

The Philips ergonomic LED display using 25% recycled materials and PVC-BFR free housing is ideal for eco-friendly productivity

### Designed for people

- Low bezel-to-table height for maximum reading comfort
- SmartErgoBase enables user-friendly ergonomic adjustments

### Great performance

- Built-in stereo speakers for multimedia
- Less eye fatigue with Flicker-Free technology
- IPS technology for full colours and wide viewing angles
- SmartContrast 20,000,000:1 for incredible rich black details
- DisplayPort connection for maximum visuals
- SmartImage pre-sets for easy optimised image settings

### Sustainable Eco-design

- SmartPower: Up to 50% power saving
- PVC-BFR free housing
- Zero mercury content

# PHILIPS

LCD monitor with SmartImage  
S Line 24" (61 cm), 1920 x 1200 (WUXGA)

# Highlights

## PVC-BFR free housing

This Philips monitor housing is free from brominated flame retardant and polyvinyl chloride (PVC-BFR free)

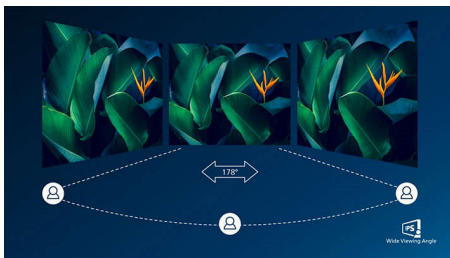
## Zero mercury content

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.

## SmartPower

SmartPower is an artificial intelligence technology which dynamically analyses the content of the screen image to achieve power saving. The backlight intensity can be controlled automatically and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs

## IPS technology



IPS displays use advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle — even in 90-degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colours, making it ideal not only for Photos, films and web browsing, but also for

professional applications that demand colour accuracy and consistent brightness at all times.

## 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.

## SmartImage



SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and optimises your display performance. This user-friendly interface allows you to select various modes, like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimises the contrast, colour saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time at the touch of a single button!

240S4QYMB/00

## SmartContrast ratio 20,000,000:1



You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight-boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent black level and accurate rendition of dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.

## DisplayPort connection



DisplayPort is a digital link from PC to monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15 metre cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates — making DisplayPort the best choice for not only general office or home use, but also for the more demanding gaming and films, video editing and more. It also keeps interoperability in mind via the use of various adapters.



# Specifications

## Connectivity

- Signal Input: DVI-D (digital, HDCP), VGA (Analogue), DisplayPort 1.2
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

## Picture/Display

- Panel Size: 24 inch/61 cm
- Aspect ratio: 16:10
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Pixel pitch: 0.270 x 0.270 mm
- Optimum resolution: 1920 x 1200 @ 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): 5 ms (Grey to Grey)\*
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 518.4 (H) x 324 (V)
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB
- Flicker-free

## Convenience

- Built-in Speakers: 1.5 W x 2
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: SmartImage, Volume, SmartPower, Menu, Power On/Off
- 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)
- Control software: SmartControl

## Stand

- Height adjustment: 110 mm
- Pivot: 90 degree
- Swivel: -65/65 degree
- Tilt: -5/20 degree

## Power

- ECO mode: 12.3 W (typ.)

- Power supply: Built-in, 100–240 VAC, 50–60 Hz
- Off mode: 0.3 W (typ.)
- On mode: 18.2 W (typ.) (EnergyStar 7.0 test method)
- Standby mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

## Dimensions

- Packaging in mm (W x H x D): 615 x 487 x 180 mm
- Product without stand (mm): 555 x 388 x 65 mm
- Product with stand (max height): 555 x 543 x 227 mm

## Weight

- Product with packaging (kg): 8.48 kg
- Product with stand (kg): 6.34 kg
- Product without stand (kg): 4.48 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: 70,000 hrs (excluded backlight) hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C

## Sustainability

- Environmental and energy: EnergyStar 7.0, RoHS
- Recyclable packaging material: 100 %
- Specific Substances: PVC/BFR free housing, Mercury free
- Recycled material: 25%

## Compliance and standards

- Regulatory Approvals: CE Mark, FCC Class B, SEMKO, cETLus, CU-EAC, TUV/GS, TUV Ergo, WEEE, TCO Certified

## Cabinet

- Finish: Texture
- Foot: Black
- Front bezel: Black
- Rear cover: Black

## What's in the box?

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



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