

Philips
LED monitor

236V3LSB

23" (58.4 cm)

Enjoy great LED pictures in vivid colours

This attractive, slim display is a delight to use. Essential features like SmartContrast that ensure rich, bright images make it a great choice!

Great picture quality

- LED technology for natural colours
- SmartContrast 10,000,000:1 for incredibly rich black details
- 16:9 Full HD display for the best viewing experience

Design that complements any interior

- Attractive slim, glossy design
- Small footprint to blend into any lifestyle

Greener every day

- Mercury Free eco-friendly display
- Energy Star for energy efficiency and low power consumption

Great convenience

• Easy display performance tuning with SmartControl Lite



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.

SmartContrast ratio 10,000,000:1



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.

16:9 Full HD



The Full HD screen has the widescreen resolution of 1920×1080 p. This is the highest resolution of HD













sources for the best possible picture quality. It is fully

sources, including the most recent sources such as

Blu-ray and advanced HD game consoles. The signal

processing is extensively upgraded to support this

SmartControl Lite is the next generation 3D iconbased GUI monitor control software. This allows the

user to fine-tune most parameters of the monitor

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

Energy Star is a US EPA sponsored energy efficiency

programme also adopted by many other countries.

Energy Star certification ensures that you are buying

standards and which operates with maximum power

specifications and meet or exceed the standard. For example, in sleep mode Energy Star 5.0 requires less

than 1 Watt power consumption, whereas Philips

monitors consume less than 0.5 Watts. Further details can be obtained from www.energystar.gov

a product which meets the latest power efficiency

efficiency at all operational levels. New Philips

monitors are certified for Energy Star 5.0

like Colour, Brightness, screen calibration, Multimedia, ID management etc. with the mouse.

lifecycle, from manufacturing to disposal.

much higher signal quality and resolution. It

pictures with superb brightness and colours.

SmartControl Lite

Mercury Free

Energy Star 5.0

produces brilliant flicker-free progressive scan

future-proof as it supports 1080p signals from all









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Specifications

Picture/Display

- LCD panel type: TFT-LCD
- · Backlight type: W-LED system
- Panel Size: 23 inch/58.4 cm
- Effective viewing area: 509.18 (H) x 286.42 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Response time (typical): 5 ms
- Brightness: 250 cd/m²
- SmartContrast: 10,000,000:1
- Contrast ratio (typical): 1000:1
- Pixel pitch: 0.265 x 0.265 mm
- Viewing angle: 170° (H)/160° (V), @ C/R > 10
- Display colours: 16.7 M
- Scanning Frequency: 30–83 kHz (H)/56–75 Hz (V)
- sRGB

Connectivity

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

- · User convenience: Auto, 4:3/Wide, Brightness, Menu, Power On/Off
- OSD Languages: English, French, German, Spanish, Italian, Russian, Simplified Chinese, Portuguese,
- Other convenience: Kensington lock
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7

• Tilt: -5/+20 degree

- On mode: 18.5 W (EnergyStar 5.0 test method)
- Standby mode: 0.5 W
- Off mode: 0.5 W
- · Power LED indicator: Operation White, Standby mode - White (flashing)
- Power supply: Built-in, 100-240 VAC, 50/60 Hz

Dimensions

- Product with stand (mm): $566 \times 426 \times 219 \text{ mm}$
- Product without stand (mm): 566 x 355 x 44 mm
- Packaging in mm (W x H x D): 614 x 440 x 112 mm

Weight

- Product with stand (kg): 3.19 kg
- Product without stand (kg): 2.22 kg
- Product with packaging (kg): 4.54 kg

Operating conditions

- \bullet Temperature range (operation): 0°C to 40°C °C
- Temperature range (storage): -20°C to 60°C °C
- Relative humidity: 20%-80% %
- MTBF: 30,000 hour(s)

Sustainability

- Environmental and energy: EnergyStar 5.0, EPEAT Silver, RoHS, Lead-free, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards

• Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, PSB, SASO, SEMKO, TUV Ergo, TUV/ GS, UL/cUL, WEEE

Cabinet

- · Colour: Black
- Finish: Glossy (front bezel)/Textured (rear cover)