# Great LED images in vivid colours

Enjoy vibrant pictures on this Philips display. Essential features like SmartContrast, which ensures rich, bright images, make it a great choice!

### Vivid pictures every time
- MVA Display for wide viewing angles and deep contrast levels
- 16:9 Full HD display for crisp, detailed images
- SmartContrast for rich black details

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

**PHILIPS**

LCD monitor
V Line 23.6"/59.9 cm

# Specifications

## Picture/Display
- LCD panel type: MVA
- Backlight type: W-LED system
- Panel Size: 23.6 inch/59.9 cm
- Effective viewing area: 521.28 (H) x 293.22 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Response time (typical): 25 (Grey to Grey) ms
- SmartResponse (typical): 8 (Grey to Grey) ms
- Brightness: 250 cd/m²
- SmartContrast: 10,000,000:1
- Contrast ratio (typical): 3000:1
- Pixel pitch: 0.272 x 0.272 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 20
- 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

## Convenience
- User convenience: Auto/Down, 4:3 Wide/Up, Brightness/Back, Menu/OK, Power On/Off
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Simplified Chinese, Swedish, Turkish, Traditional Chinese, Ukrainian
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8

## Stand
- Tilt: -5/20 degree

## Power
- On mode: 21.07 W (typ.) (EnergyStar 6.0 test method)

- Standby mode: 0.5 W (typ.)
- Off mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: Built-in, 100-240 VAC, 50-60 Hz

## Dimensions
- Product with stand (mm): 551 x 420 x 220 mm
- Product without stand (mm): 551 x 344 x 52 mm
- Packaging in mm (W x H x D): 600 x 415 x 118 mm

## Weight
- Product with stand (kg): 3.66 kg
- Product without stand (kg): 3.22 kg
- Product with packaging (kg): 5.00 kg

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

## Sustainability
- Environmental and energy: EnergyStar 6.0, EPEAT Silver, RoHS, Lead-free, Mercury Free
- Recyclable packaging material: 100 %

## Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, cETLus, FCC Class B, GOST, PSB, SASO, SEMKO, TCO certified, TUV/ISO9241-307, WEEE
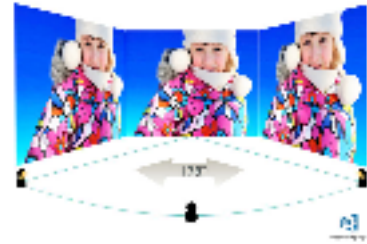
## Cabinet
- Colour: Black
- Finish: Hairline (front bezel)/Texture (rear cover)

## What's in the box?
- Monitor with stand
- Cables: VGA, Power
- User Documentation



LED

10,000,000:1
SmartContrast

Low Power

Hg Free

# Highlights

### MVA Display Technology



Philips' MVA 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.

### 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.

* Smart response time is the optimum value from either GtG or GtG (BW) tests.

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