



Philips  
LED monitor

V Line  
19" (48.3 cm)

190V3LAB

## Enjoy great LED pictures in vivid colors

This attractive, slim display is a delight to use. Essential features like SmartContrast ensure rich bright images, and stereo speakers enhance your multimedia experience, making it a great choice!

### Great picture quality

- LED technology for natural colors
- SmartContrast 10000000:1 for incredible rich black details

### Design that complements any interior

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

### Greener everyday

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

### Experience true multimedia

- Built-in speakers for audio without desktop clutter

### Great convenience

- Easy display performance tuning with SmartControl Lite

# PHILIPS

# Specifications

## Picture/Display

- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 19 inch / 48.3 cm
- Aspect ratio: 16:10
- Pixel pitch: 0.2835x0.2835 mm
- Brightness: 250 cd/m<sup>2</sup>
- SmartContrast: 10,000,000:1
- Contrast ratio (typical): 1000:1
- Response time (typical): 5 ms
- Optimum resolution: 1440 x 900 @ 60 Hz
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- Display colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 75 Hz (V)
- sRGB
- Effective viewing area: 408.24 (H) x 255.15 (V)

## Connectivity

- Signal Input: VGA (Analog), DVI-D (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in

## Convenience

- Built-in Audio: 1.5W x 2
- User convenience: Volume, Brightness, Menu, Auto, Power On/Off
- OSD Languages: English, French, German, Spanish, Italian, Russian, Simplified Chinese, Portuguese, Turkish
- Other convenience: Kensington lock
- Plug & Play Compatibility: DDC/CI, Windows 7, Mac OS X, sRGB

## Stand

- Tilt: -5/+20 degree

## Power

- On mode: 18 W (EnergyStar 5.0 test method)
- Standby mode: 0.5 W
- Off mode: 0.5 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50/60Hz

## Dimensions

- Product with stand (mm): 462 x 383 x 204 mm
- Product without stand (mm): 462 x 309 x 47 mm
- Packaging in mm (WxHxD): 506 x 402 x 101 mm

## Weight

- Product with stand (kg): 2.318 kg
- Product without stand (kg): 2.89 kg
- Product with packaging (kg): 3.929 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 %
- MTBF: 30,000 hour(s)

## Sustainability

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

## Compliance and standards

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

## Cabinet

- Color: Black
- Finish: Glossy (front bezel) /Texture (rear cover)

# 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 LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

## Built-in speakers

A pair of stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

## SmartContrast ratio 10000000:1



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 blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

## SmartControl Lite

SmartControl Lite is the next generation 3D icon based GUI monitor control software. This allows user to fine-tune most parameters of the monitor like Color, Brightness, screen calibration, Multi-media, ID management, etc with the mouse.

## Mercury Free

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

## Energy Star 5.0

Energy Star is a US EPA sponsored energy efficiency program also adopted by many other countries. Energy Star certification ensures that you are buying a product which meets the latest power efficiency standards which operates with maximum power efficiency at all operational levels. New Philips monitors are certified for Energy Star 5.0 specifications and meet or exceed the standard. For example, in sleep mode Energy Star 5.0 requires less than 1watt power consumption, whereas Philips monitors consume less than 0.5watts. Further details can be obtained from [www.energystar.gov](http://www.energystar.gov)



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