



Philips  
LCD monitor with LED  
backlight

V Line  
19" (48.3 cm)

190V3LAB5

## 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

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

### Design that complements any interior

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

### Greener everyday

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

### Experience true multimedia

- Built-in speakers for audio without desktop clutter

### Great convenience

- Easy display performance tuning with SmartControl Lite

# PHILIPS

# Highlights

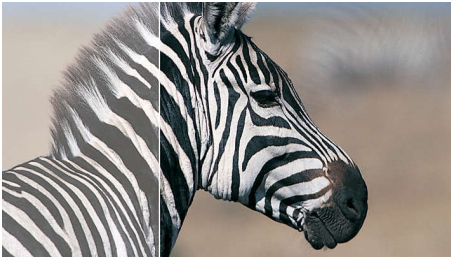
## LED technology

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 1000000:1



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.

## Attractive slim, glossy design

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## Small footprint

Small footprint to blend into any lifestyle

## 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)



# Specifications

## Picture/Display

- Panel Size: 19 inch / 48.3 cm
- Aspect ratio: 16:10
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Pixel pitch: 0.2835x 0.2835 mm
- Optimum resolution: 1440 x 900 @ 60 Hz
- Brightness: 250 cd/m<sup>2</sup>
- Display colors: 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: 408.24 (H) x 255.15 (V)
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
- sRGB

## Connectivity

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

## Convenience

- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7
- Built-in Audio: 1.5W x 2
- User convenience: Auto/Down, Brightness/Back, Volume/Up, Menu/OK, Power On/Off
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish, Turkish
- Other convenience: Kensington lock, VESA mount (100x100mm)

## Stand

- Tilt: -5/+20 degree

## Power

- Power supply: 100-240VAC, 50/60Hz, Built-in
- Off mode: 0.5 W
- On mode: 13.5 W (EnergyStar 5.0 test method)
- Standby mode: 0.5 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)

## Dimensions

- Product with stand (mm): 462 x 382 x 204 mm
- Packaging in mm (WxHxD): 503 x 396 x 125 mm
- Product without stand (mm): 462 x 319 x 54 mm

## Weight

- Product with packaging (kg): 4.68 kg
- Product with stand (kg): 3.57 kg
- Product without stand (kg): 3.28 kg

## Operating conditions

- 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: EPEAT Silver, RoHS, EnergyStar 5.0, Mercury Free
- Recyclable packaging material: 100 %

## Compliance and standards

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

## Cabinet

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

