



Philips  
LCD monitor with LED  
backlight

**V Line**  
19" (48.3 cm)

**190V4LAB**

## Enjoy great LED pictures in vivid colors

with stereo speakers

Enjoy vivid LED pictures with this attractive, glossy design display. Equipped with stereo speakers and SmartControl lite, it's a great choice!

### **Vivid pictures every time**

- Easy display performance tuning with SmartControl Lite
- LED technology for vivid colors
- SmartContrast for rich black details
- Bigger viewing area with 16:10 format

### **Modern design**

- Attractive glossy design
- Small footprint saves space
- VESA mount allows for flexibility

### **Experience multimedia**

- Powerful sound with 2x2 watts RMS speakers

### **Greener everyday**

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

# 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 stereo speakers

Now you can enjoy all your multimedia and social applications with stereo sound. These built in speakers not only sound great, but also helps you to get rid of external wire clutter and save valuable desktop space.

## 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.

## SmartContrast



SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors 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 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.

## 16:10 bigger viewing area

Bigger viewing area with 16:10 format

## Low power consumption

Low power consumption saves energy bills

## Attractive glossy design

Attractive glossy design

## Small footprint saves space

Small footprint saves space

## VESA mount

VESA mount allows for flexibility

## Energy Star

Energy Star for energy efficiency and low power consumption



# Specifications

## Connectivity

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

## 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

## Convenience

- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows XP
- Built-in Audio: 2.0W x 2
- User convenience: Auto/Down, Brightness/Back, Menu/OK, Power On/Off, Volume/Up
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Spanish, Simplified Chinese, Turkish
- Other convenience: Kensington lock, VESA mount (100x100mm)

## Stand

- Tilt: -5/20 degree

## Power

- Power supply: Built-in, 100-240VAC, 50-60Hz
- Off mode: 0.5 W (typ.)
- On mode: 12.01 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

## Dimensions

- Product with stand (mm): 442 x 373 x 201 mm
- Packaging in mm (WxHxD): 490 x 378 x 124 mm
- Product without stand (mm): 442 x 305 x 48 mm

## Weight

- Product with packaging (kg): 4.03 kg
- Product with stand (kg): 2.98 kg
- Product without stand (kg): 2.65 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: EnergyStar 6.0, RoHS, Mercury Free
- Recyclable packaging material: 100 %

## Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, PSB, SASO, SEMKO, TCO Certified, TUV/ISO9241-307, UL/cUL, WEEE

## Cabinet

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



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