



Philips  
LED monitor

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

**190E3LSU**

## Elegant display enhances your viewing experience

Experience awesome LED pictures with natural colors. The elegant design with translucent blue bezel and SmartImage Lite makes it a great choice!

### **Great picture quality**

- SmartContrast 20000000:1 for incredible rich black details
- SmartImage Lite for an enhanced LCD viewing experience
- LED technology for natural colors

### **Design that complements any interior**

- Sleek, elegant design complements your home decor
- Modern Touch controls
- Translucent blue bezel with glossy finish

### **Greener everyday**

- Eco-friendly materials that meets international standards
- Mercury Free eco-friendly display

### **Great convenience**

- Easy picture format control switching in wide and 4:3 format
- Easy display performance tuning with SmartControl Lite

# PHILIPS

# Highlights

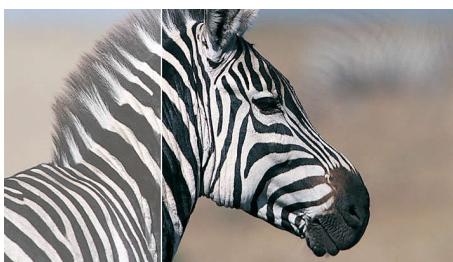
## LED technology

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.

## SmartImage Lite

SmartImage Lite is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage Lite dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.

## SmartContrast ratio 20000000:1



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.

## Sleek, elegant design

A sleek, elegant design look that complements home furnishings in any room.

## Touch controls



Touch controls are intelligent, touch sensitive icons that replace protruding buttons that lets the user adjust the monitor to their requirement. Responding to your lightest touch, Touch control gives the monitor a modern feel.

## Easy picture format control



Philips easy picture format control on OSD is to switch from the 4:3 aspect ratio to the widescreen mode and back again to match the display's aspect ratio with your content for working with wide documents without

scrolling or viewing widescreen media in the widescreen mode and distortion-free, native mode display of 4:3 ratio content.

## 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.

## Eco-friendly materials

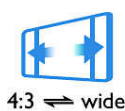
"Philips is committed to use sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models we utilize upto 65% post consumer recycled plastics. Strict adherence to RoHS standards ensure substantial reduction or elimination of toxic substances like Lead, for example. Mercury content in monitors with CCFL backlight has been reduced significantly, while eliminated in monitors with LED backlight completely. Visit Philips @ <http://www.asimpleswitch.com/global/> to learn more.

## 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.

## Translucent blue bezel

Translucent blue bezel with glossy finish



# Specifications

## Connectivity

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

## 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: 0.283 x 0.283 mm
- Optimum resolution: 1440 x 900 @ 60Hz
- Brightness: 250 cd/m<sup>2</sup>
- Display colors: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- Picture enhancement: SmartImage Lite
- Effective viewing area: 408.2 (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
- User convenience: SmartImage lite, Input, 4:3 / Wide, Menu, Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese, Turkish
- Other convenience: Kensington lock

## Stand

- Tilt: -5/+20 degree

## Power

- Power supply: Built-in

- Off mode: 0.5 W
- On mode: 14.5 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): 464 x 391 x 200 mm
- Packaging in mm (WxHxD): 508 x 472 x 104 mm
- Product without stand (mm): 464 x 321 x 41 mm

## Weight

- Product with packaging (kg): 4.45 kg
- Product with stand (kg): 3.19 kg
- Product without stand (kg): 2.80 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 5.0, EPEAT Silver, RoHS, Mercury Free
- Recyclable packaging material: 100 %

## Compliance and standards

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

## Cabinet

- Color: Black/ Blue tint
- Finish: Glossy



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