



Philips  
LCD monitor

19" w (48.3 cm) E-line  
HD

190E2FB

## Elegant HD display offers great value

With elegant design, SmartContrast and SmartImage Lite, the 190E2 HD display is a great choice for all your needs

### **Great picture quality**

- Ready to display HD content
- SmartContrast 500,000:1 for incredible rich black details
- SmartImage Lite for an enhanced LCD viewing experience

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

- Sleek, elegant design complements your home decor
- Glossy finish to enhance your decor
- Small footprint to blend into any lifestyle

### **Environmentally friendly green design**

- Energy Star for energy efficiency and low power consumption
- Eco-friendly materials that meets international standards

### **Great convenience**

- Easy picture format control switching in wide and 4:3 format

# PHILIPS

# Highlights

## Sleek, elegant design

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

## High definition monitor

A high definition monitor is a display device designed to deliver the exceptional picture quality of high definition pictures, one fully prepared for HD sources like HD set top boxes. A HD monitor offers picture quality beyond that of progressive scan, conforming to strict standards for HD screens that display high resolution, top picture quality signals through a universal connection for either analog VGA or uncompressed DVI digital connections and supports HDCP. It displays 720p (1280x720p @ 50 and 60 Hz progressive) and 1080i (1920x1080i @ 50 and 60 Hz interlaced) signals.

## SmartContrast ratio 500000:1

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.

## Easy picture format control



Widescreen format

4:3 format

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.

## 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 up to 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.

## 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 1 watt power consumption, whereas Philips monitors consume less than 0.5 watts. Further details can be obtained from [www.energystar.gov](http://www.energystar.gov)

## 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.

# Specifications

## Picture/Display

- LCD panel type: TFT-LCD
- Panel Size: 19 inch / 48.3 cm
- Aspect ratio: 16:10
- Optimum resolution: 1440 x 900 @ 60 Hz
- Response time (typical): 5 ms
- Brightness: 250 cd/m<sup>2</sup>
- SmartContrast: 500000:1
- Pixel pitch: 0.285 x 0.285 mm
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Picture enhancement: SmartImage Lite
- Display colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 75 Hz (V)
- sRGB

## Connectivity

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

## Convenience

- User convenience: SmartImage lite, Brightness, Menu, Input, Auto, Power On/Off, 4:3 / Wide
- OSD Languages: English, French, German, Spanish, Italian, Russian, Simplified Chinese, Portuguese, Turkish
- Other convenience: Kensington lock
- Plug & Play Compatibility: DDC/CI, Windows 7 / Vista, Mac OS X, sRGB

## Stand

- Tilt: -5/20 degree

## Power

- On mode: <16.9 W (EnergyStar 5.0 test method)
- Standby mode: <0.8 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): 443 x 368 x 170 mm
- Product without stand (mm): 443 x 299 x 65 mm
- Packaging in mm (WxHxD): 522 x 440 x 142 mm

## Weight

- Product with stand (kg): 3.80 kg
- Product without stand (kg): 3.50 kg
- Product with packaging (kg): 5.35 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: 50,000 hour(s)

## Sustainability

- Environmental and energy: Energy Star, RoHS

## Compliance and standards

- Regulatory Approvals: CE Mark, FCC, Class B, SEMKO, UL/cUL, EnergyStar 5.0

## Cabinet

- Color: Black/Black
- Finish: Glossy



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