



Philips  
LED Monitor

15.6" w (39.6 cm) E-line

1366x768 HD

**160EL1SB**

## LED display: Contrast has never been better!!

This Eco friendly LED display comes with a superb 1000000:1 contrast ratio. With Natural colors, SmartContrast and Glossy finish, the 160EL1 is a great choice for all your needs

### **Great picture quality**

- LED technology ensures natural colors
- SmartContrast 1,000,000:1 for incredible rich black details
- Fast 8ms On/off response time: Great text & graphics display
- 16:9 display for best widescreen gaming and video

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

- Glossy finish to enhance your decor
- Small footprint to blend into any lifestyle

### **Environmentally friendly green design**

- Mercury Free eco-friendly display
- Energy Star for energy efficiency and low power consumption
- Complies with RoHS standards to care for the environment

### **Great convenience**

- Easy picture format control switching in wide and 4:3 format
- sRGB ensures color matching between display and printouts

**PHILIPS**  
sense and simplicity

# Specifications

## Picture/Display

- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 15.6 inch / 39.6 cm
- Aspect ratio: 16:9
- Optimum resolution: 1366 x 768 @ 60 Hz
- Response time (typical): 8 ms
- Brightness: 250 cd/m<sup>2</sup>
- SmartContrast: 1,000,000:1
- Pixel pitch: 0.252 x 0.252 mm
- Viewing angle: 110° (H) / 85° (V), @ C/R > 5
- Display colors: 16.7 M
- Scanning Frequency: 30 - 60 kHz (H) / 56 - 76 Hz (V)
- sRGB

## Connectivity

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

## Convenience

- User convenience: Brightness, Menu, Auto, Power On/Off
- OSD Languages: English, French, Russian, Simplified Chinese, Spanish, Portuguese, Korean
- Other convenience: VESA mount (75x75mm), Kensington lock
- Plug & Play Compatibility: DDC/CI, Windows 7 / Vista/XP/2000/98, sRGB

## Stand

- Tilt: -5/20 degree

## Power

- On mode: 9.5W (EnergyStar 5.0 test method)

- Standby mode: <0.8W
- Off mode: <0.5W
- Power LED indicator: Operation - green, Stand by/ sleep - Amber
- Power supply: Built-in, 100-240VAC, 50/60Hz

## Dimensions

- Product with stand (mm): 303 x 376 x 156 mm
- Product without stand (mm): 244 x 376 x 59 mm
- Packaging in mm (WxHxD): 323 x 439 x 145 mm

## Weight

- Product without stand (kg): 2.51 kg
- Product with packaging (kg): 4.08 kg
- Product with stand (kg): 2.7 kg

## Operating conditions

- Temperature range (operation): 0 - 40 °C
- Temperature Range (storage): -20 - 60 °C
- Relative humidity: 20 - 80 %
- MTBF: 40,000 hour(s)

## Sustainability

- Environmental and energy: EPEAT Silver, RoHS, EnergyStar 5.0

## Compliance and standards

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

## Cabinet

- Color: Black
- Finish: Glossy



# 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.

## 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.

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

## 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.



Issue date 2011-10-18

Version: 1.0.1

12 NC: 8670 000 74787  
EAN: 87 12581 59591 3

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