



Philips Brilliance  
LED Monitor

S Line  
21.5" (54.6 cm)

221S3LCS

## Ergonomic LED display enhances productivity

With features like Ergo base, 0.1 watt Soft off mode, Dual inputs, SmartImage and SmartControl, the energy efficient Philips 221S3 increases your productivity

### **Sustainable Eco-friendly solution**

- EPEAT Silver ensures lower impact on environment
- Mercury Free eco-friendly display
- Energy Star for energy efficiency and low power consumption
- 0.1 watt Soft-Off mode
- SmartPower: Up to 50% power saving

### **Outstanding display performance**

- LED technology ensures natural colors
- SmartImage: Optimized user-friendly display experience

### **Ergonomic design**

- 70mm height adjustment for ideal sitting position
- Tilt and swivel adjustment for an ideal viewing angle

### **Great convenience**

- Dual input accepts both analog VGA and digital DVI signals
- Modern Touch controls

# 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.

## 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.

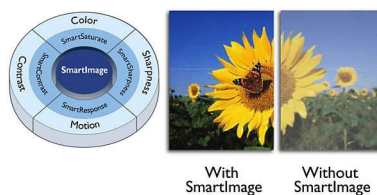
## SmartPower

SmartPower is an artificial intelligent technology which dynamically analyzes the content of the screen image to achieve power saving. The backlight intensity can be controlled automatically and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs

## EPEAT Silver

Philips EPEAT Silver certified monitors ensure protection for human health and environment, and are highly energy efficient ensuring low emissions of climate changing green house gases. EPEAT program helps purchasers evaluate, compare and select Monitors based on 51 environmental criteria supported by US EPA. EPEAT Silver is valid only where Philips registers the product. Please visit [www.epeat.net](http://www.epeat.net) for registration status in your country.

## SmartImage



SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Image, Entertainment, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

## Screen tilt and swivel

Screen tilt and swivel is a mechanism built into the base permits the monitor to swivel and tilt backward or forward.

## 70mm height adjustment

The Compact Ergo Base is a 'people friendly' Philips monitor base that tilts, swivels and is height adjustable so each user can position the monitor for maximum viewing comfort and efficiency.

## 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.

## Dual input



VGA connector



DVI connector

Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

## 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)

## 0.1 Watt Standby mode

0.1 watt Soft-Off mode



# Specifications

## Connectivity

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

## Picture/Display

- Panel Size: 21.5 inch / 54.6 cm
- Aspect ratio: 16:9
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Pixel pitch: 0.248 x 0.248 mm
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 250 cd/m<sup>2</sup>
- Display colors: 16.7 M
- Contrast ratio (typical): 1,000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 5 ms
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Picture enhancement: SmartImage
- Effective viewing area: 476.6 (H) x 268.1 (V)
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
- sRGB

## Convenience

- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7/Vista/XP
- User convenience: SmartImage, Brightness, Power On/Off, SmartPower, Menu
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: VESA mount (100x100mm), Kensington lock

## Stand

- Height adjustment: up to 70 mm
- Swivel: -65/65 degree
- Tilt: -5/20 degree

## Power

- ECO mode: 15.43 W (typ.)
- Power supply: Built-in, 100-240VAC, 50/60Hz
- Off mode: 0.1W
- On mode: 16.81W (EnergyStar 5.0 test method)
- Standby mode: 0.1W
- Power LED indicator: Operation - White, Standby mode- White (blinking)

## Dimensions

- Product with stand (mm): 507 x 400 x 220 mm
- Packaging in mm (WxHxD): 565 x 466 x 175 mm
- Product without stand (mm): 507 x 323 x 59 mm

## Weight

- Product with packaging (kg): 6.67 kg
- Product with stand (kg): 4.83 kg
- Product without stand (kg): 3.46 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

## Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SEMKO, TCO 5.1, TUV Ergo, TUV/GS, UL/cUL

## Cabinet

- Color: Silver
- Finish: Texture



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