



Philips Brilliance  
LCD monitor with  
SmartImage

48 cm (19") S-line  
Format 5:4

**Brilliance**

**19S1EB**

## Ergonomic display enhances productivity

With features like SmartImage, SmartContrast, SmartControl and TrueVision, the energy efficient 19S1 display enhances your productivity

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

- Energy Star for energy efficiency and low power consumption
- EPEAT Silver ensures lower impact on environment
- Complies with RoHS standards to care for the environment

### **Outstanding display performance**

- SmartImage: Optimized user-friendly display experience
- SmartContrast: For incredible rich black details
- TrueVision: Laboratory quality display performance

### **Ergonomic design**

- Tilt and swivel adjustment for an ideal viewing angle
- 130mm height adjustment for ideal sitting position
- 90 degree screen rotation and smart cable management

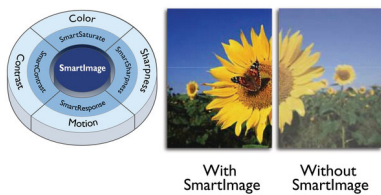
### **Great convenience**

- Dual input accepts both analog VGA and digital DVI signals
- Hassle-free display performance tuning with SmartControl II

**PHILIPS**

# Highlights

## 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!

## ScreenRotate

ScreenRotate makes it possible to use a monitor in either the landscape and portrait mode; to change orientation for a better view of a selected document or image, the monitor is rotated to the desired orientation.

## 130mm height adjustment

The Super Ergo Base is a 'people friendly' Philips monitor base that not only tilts and swivels, but is also height adjustable and pivots to 90 degree, so that each user can adjust the monitor to their personal preference for maximum viewing comfort and efficiency.

## 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.

## TrueVision



TrueVision is industry-leading, proprietary Philips testing and algorithm technology for monitor adjustment and fine tuning, an extensive process that ensures ultimate display performance in compliance with a standard four-times more stringent than Microsoft's Vista requirements from each and every monitor that leaves the factory - not just a few review samples. Only Philips goes to these lengths to deliver this exacting level of color accuracy and display quality in every new monitor.

## Dual input



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

## SmartControl II

SmartControl II is monitor-based software with an easy-to-use on-screen graphic interface that guides you through fine-tuning resolution, color calibration and other display settings including brightness, contrast, clock & phase, position, RGB, white point and - on models with onboard speakers - volume adjustments.

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

## 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.

## Compliant with RoHS standards

Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

## 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.



# Specifications

## Picture/Display

- LCD panel type: TFT-LCD
- Panel Size: 19 inch / 48 cm
- Effective viewing area: 376.3 (H) x 301.1 (V)
- Aspect ratio: 5:4
- Optimum resolution: 1280 x 1024 @ 60Hz
- Response time (typical): 5 ms
- Brightness: 250 cd/m<sup>2</sup>
- Contrast ratio (typical): 1000:1
- SmartContrast: 25000:1
- Pixel pitch: 0.294 x 0.294 mm
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Picture enhancement: SmartImage
- Display colors: 16.7 M
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
- sRGB

## Connectivity

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

## Convenience

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

## Stand

- Height adjustment: 130 mm
- Pivot: 90 degree, anti-clockwise, auto pivot
- Swivel: -65/+65 degree
- Tilt: -5/20 degree

## Power

- ECO mode: <16.5W
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50/60Hz
- On mode: <18W (EnergyStar 5.0 test method)
- Standby mode: <0.8 W
- Off mode: < 0.5 W

## Dimensions

- Product with stand (mm): 404 x 498 x 220 mm
- Product without stand (mm): 404 x 350 x 68 mm
- Packaging in mm (WxHxD): 565 x 398 x 260 mm

## Weight

- Product with stand (kg): 6.0 kg
- Product without stand (kg): 3.9 kg
- Product with packaging (kg): 7.4 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: EPEAT Silver, RoHS, EnergyStar 5.0
- Recyclable packaging material: 100 %

## Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC, Class B, GOST, SEMKO, TCO '03, TUV Ergo, TUV/GS, UL/cUL

## Cabinet

- Color: Black
- Finish: Texture



Issue date 2022-05-15

Version: 2.0.1

12 NC: 8670 000 76706  
EAN: 87 12581 60440 0

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