



Philips Brilliance  
LCD monitor with  
SmartImage

48 cm (19") w S-line  
Format 16:10

**Brilliance**

**190S1CS**

## Ergonomic display enhances productivity

With features like SmartImage, SmartContrast, SmartControl and TrueVision, the energy efficient 190S1 business display enhances your productivity

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

- Energy Star for energy efficiency and low power consumption
- Eco-friendly materials that meet international standards
- EPEAT Silver ensures lower impact on environment
- Complies with RoHS standards of care for the environment

### **Outstanding display performance**

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

### **Ergonomic design**

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

### **Great convenience**

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

**PHILIPS**

# Highlights

## Dual input



VGA connector



DVI connector

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

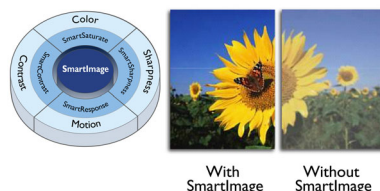
## 70 mm height adjustment

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.

## Screen tilt and swivel

Screen tilt and swivel mechanism built into the base permits the monitor to swivel and tilt backwards or forwards.

## SmartImage



SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and gives you optimised 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 optimises the contrast, colour 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!

## SmartControl II

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

## TrueVision



TrueVision On



TrueVision Off

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

## Energy Star 5.0

Energy Star is a US EPA sponsored energy efficiency programme also adopted by many other countries. Energy Star certification

ensures that you are buying a product which meets the latest power efficiency standards and 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)

## Eco-friendly materials

"Philips is committed to using 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 utilise up to 65% post-consumer recycled plastics. Strict adherence to RoHS standards ensures substantial reduction or elimination of toxic substances like lead, for example. Mercury content in monitors with CCFL backlights has been reduced significantly and eliminated completely in monitors with LED backlights. Visit Philips at <http://www.asimpleswitch.com/global/> to learn more.

## EPEAT Silver

Philips EPEAT Silver certified monitors ensure protection for human health and the environment, and are highly energy efficient ensuring low emissions of climate changing green house gases. The EPEAT programme helps purchasers evaluate, compare and select Monitors based on 51 environmental criteria supported by the 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.



# Specifications

## Picture/Display

- LCD panel type: TFT-LCD
- Panel Size: 19 inch/48.26 cm
- Aspect ratio: 16:10
- Viewing angle: 176° (H)/170° (V), @ C/R > 5
- Pixel pitch: 0.243 x 0.243 mm
- Picture enhancement: SmartImage
- Brightness: 250 cd/m<sup>2</sup>
- SmartContrast: 25000:1
- Response time (typical): 5 ms
- Optimum resolution: 1440 x 900 @ 60 Hz
- Display colours: 16.7 M
- Scanning Frequency: 30–83 kHz (H)/56–75 Hz (V)
- sRGB

## Connectivity

- Signal Input: VGA (Analogue), 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 (100 x 100 mm), Kensington lock
- Plug and Play Compatibility: DDC/CI, Mac OS X, Windows 7/Vista/XP/2000/98, sRGB

## Stand

- Height adjustment: 70 mm
- Swivel: -45/45 degree
- Tilt: -5/20 degree

## Power

- ECO mode: <14.5 W

- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: Built-in, 100-240 VAC, 50/60 Hz
- On mode: < 17.1 W (EnergyStar 5.0 test method)
- Standby mode: <0.8 W
- Off mode: < 0.5 W

## Dimensions

- Product with stand (mm): 421 x 436 x 201 mm
- Product without stand (mm): 305 x 436 x 68 mm
- Packaging in mm (W x H x D): 485 x 508 x 172 mm

## Weight

- Product with stand (kg): 4.5 kg
- Product without stand (kg): 3.4 kg
- Product with packaging (kg): 6.09 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 5.0, TUV Ergo, TUV/GS, UL/cUL

## Cabinet

- Colour: Silver/Black
- Finish: Texture



Issue date 2018-03-22

Version: 6.0.3

12 NC: 8670 000 54053  
EAN: 87 12581 49033 1

© 2018 Koninklijke Philips N.V.  
All Rights reserved.

Specifications are subject to change without notice.  
Trademarks are the property of Koninklijke Philips N.V.  
or their respective owners.

[www.philips.com](http://www.philips.com)