

Philips Brilliance
LCD monitor, LED
backlight

S Line
19" (48.3 cm)
Format 16:10

190SL1SB

Feature-packed display for increased productivity

With features like SmartImage, SmartContrast, SmartControl and TrueVision, the energy-efficient 190SL1 business display increases your productivity

Sustainable Eco-friendly solution

- Eco-friendly materials that meet international standards
- EPEAT Silver ensures lower impact on environment
- Mercury Free eco-friendly display
- Energy Star for energy efficiency and low power consumption

Outstanding display performance

- LED technology ensures natural colours
- SmartImage: Optimised user-friendly display experience
- SmartContrast: For incredible rich black details
- TrueVision: Laboratory quality display performance

Great convenience

- Screen tilts to your ideal, individualised viewing angle
- Easy display performance tuning with SmartControl Premium
- Cable management for a tidy work space

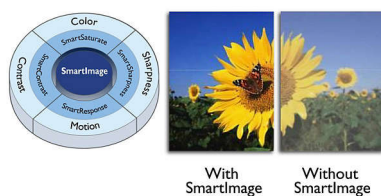
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Highlights

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 the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

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 Premium

SmartControl Lite is the next generation 3D icon-based GUI monitor control software. This allows the user to fine-tune a wide amount of parameters of the monitor like PowerSensor, Expanded ECO mode, Laptop support with dual monitor plug-in, Multimedia, DisplayPort support, Colour, Brightness, screen calibration, audio etc with the mouse. It

even gives out a detailed ID description of the monitor for inventory management.

SmartContrast



SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours 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.

TrueVision

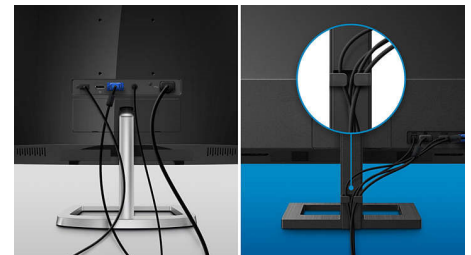


TrueVision is an industry leading, proprietary Philips testing and algorithm technology for the adjustment and fine-tuning of monitors, an extensive process that ensures ultimate display performance in compliance with a standard four-times more stringent than Microsoft's Vista requirements, for each 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.

Adjustable tilt

Adjustable tilt is backward and forward movement of a screen on its base to achieve custom positioning for an ideal viewing angle and more comfort for people who spend long hours working on the computer.

Cable management



Cable management is a system that maintains tidy workspace by organising cables and wires required for the operation of a display device.

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 for registration status in your country.

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.



Specifications

Connectivity

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

Picture/Display

- Panel Size: 19 inch/48.3 cm
- Aspect ratio: 16:10
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Pixel pitch: 0.283 x 0.283 mm
- Optimum resolution: 1440 x 900 @ 60 Hz
- Brightness: 250 cd/m²
- Display colours: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H)/160° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 408.24 (H) x 255.15 (V)
- Scanning Frequency: 30–83 kHz (H)/56–75 Hz (V)
- sRGB

Convenience

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

Stand

- Tilt: -5/20 degree

Power

- ECO mode: 7.7 W (typ.)

- Power supply: Built-in, 100–240 VAC, 50–60 Hz
- Off mode: 0.3 W (typ.)
- On mode: 11.4 W (EnergyStar 5.0 test method)
- Standby mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

Dimensions

- Product with stand (mm): 436 x 372 x 183 mm
- Packaging in mm (W x H x D): 488 x 420 x 141 mm
- Product without stand (mm): 436 x 305 x 68 mm

Weight

- Product with packaging (kg): 4.95 kg
- Product with stand (kg): 3.31 kg
- Product without stand (kg): 3.04 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: EPEAT Silver, RoHS, EnergyStar 5.0, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SEMKO, TCO 5.2, TUV/GS, TUV Ergo, UL/cUL, WEEE

Cabinet

- Colour: Black/Black
- Finish: Texture



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