



Philips Brilliance  
LCD monitor, LED  
backlight

**S Line**  
27" (68.6 cm)  
Full HD display

**271S4LPYSS**

## Sustainable productivity

with PowerSensor saves energy bills

The Philips PowerSensor LED display using 25% recycled materials and PVC, BFR-free housing is ideal for eco-friendly productivity

### Great performance

- LED technology ensures natural colours
- SmartContrast gives enhanced rich black details
- TrueVision ensures lab quality images
- DisplayPort delivers high bandwidth for ultra-fine images

### Sustainable Eco-design

- PVC-BFR free housing
- PowerSensor saves up to 80% energy costs

### Easy to experience

- Screen tilts to your ideal, individualised viewing angle
- SmartControl for easy performance tuning
- Modern Touch controls
- SmartImage pre-sets for easy optimised image settings

**PHILIPS**

LCD monitor, LED backlight  
S Line 27" (68.6 cm), Full HD display

271S4LPYSS/00

# 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.

## PowerSensor



PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if the user is present and then automatically reduces monitor brightness when the user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life.

## DisplayPort

DisplayPort is a digital link from PC to monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15 metre cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates — making DisplayPort the best choice for not only general office or home use, but also for the more demanding gaming and films, video editing and more. It also keeps interoperability in mind via the use of various adapters.

## SmartImage



SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and optimises your display performance. This user-friendly interface allows you to select various modes, like Office, Photo, Movie, Game, 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 at the touch of a single button!

## SmartControl for easy tuning

PC software for fine tuning display performance and settings. Philips offers users two choices for display setting adjustment. Either navigate the multi-level On-Screen Display menu through buttons on the display itself or use the Philips SmartControl software to easily adjust the various display settings in a familiar way.

## 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.

## Touch controls



Touch controls are intelligent, touch-sensitive icons that replace protruding buttons to allow users to adjust the monitor to their requirements. Responding to the lightest touch, Touch control gives the monitor a modern feel.

## TrueVision



TrueVision is a proprietary Philips technology that uses an advanced algorithm for testing and aligning monitor display, which gives you the ultimate display performance. Philips ensures that TrueVision monitors leave the factory fine-tuned with this process giving you consistent colour and picture quality.

## PVC-BFR free housing

This Philips monitor housing is free from brominated flame retardant and polyvinyl chloride (PVC-BFR free)

## Screen tilts

Screen tilts to your ideal, individualised viewing angle



# Specifications

## Connectivity

- Signal Input: DisplayPort x 1, DVI-D (digital, HDCP), VGA (Analogue)
- Sync Input: Separate Sync, Sync on Green

## Picture/Display

- Panel Size: 27 inch/68.6 cm
- Aspect ratio: 16:9
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Pixel pitch: 0.311 x 0.311 mm (0.012" x 0.012")
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 300 cd/m<sup>2</sup>
- 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 &gt; 10
- Picture enhancement: SmartImage
- Effective viewing area: 597.6 (H) x 336.15 (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, PowerSensor, Brightness, Menu, Power On/Off
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)
- Control software: SmartControl Premium

## Stand

- Tilt: -5/20 degree

## Power

- ECO mode: 18 W (typ.)
- Power supply: 100–240 VAC, 50–60 Hz, Built-in
- Off mode: 0.1 W (typ.)
- On mode: 20.3 W (typ.) (EnergyStar 5.0 test

method)

- Standby mode: 0.3 W
- Power LED indicator: Operation - White, Standby mode - White (flashing)

## Dimensions

- Product with stand (mm): 639 x 484 x 224 mm
- Packaging in mm (W x H x D): 730 x 565 x 176 mm
- Product without stand (mm): 639 x 405 x 64 mm

## Weight

- Product with packaging (kg): 8.92 kg
- Product with stand (kg): 5.90 kg
- Product without stand (kg): 5.00 kg

## Operating conditions

- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- 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: PowerSensor, EnergyStar 5.0, RoHS
- Recyclable packaging material: 100 %
- Specific Substances: PVC/BFR free housing, Mercury free
- Recycled material: 25%

## Compliance and standards

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

## Cabinet

- Finish: Texture
- Foot: Black
- Front bezel: Silver
- Rear cover: Black



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