

Philips  
LCD monitor

**S Line**  
27" (68.6 cm)  
2560 x 1440 (QHD)

**275S1AE**



## Reliable and essential

for daily productivity

Philips S Line monitor gives essential features for daily productivity and work comfortably. Virtually frameless with crystal-clear QHD for an expanded and clear view. EasyRead and Eye comfort with TUV certified to reduce eye fatigue.

### Great performance

- IPS technology for full colors and wide viewing angles
- Crystalclear images with Quad HD 2560 x 1440 pixels
- SmartImage presets for easy optimized image settings
- Effortlessly smooth action with Adaptive-Sync technology

### Designed for comfortable productivity

- TUV Eye Comfort certified to reduce eye fatigue
- LowBlue Mode for easy on-the-eyes productivity
- Less eye fatigue with Flicker-free technology
- EasyRead mode for a paper-like reading experience

### Perfectly designed for your space

- Built-in speakers for audio without desktop clutter
- SmartErgoBase enables people-friendly ergonomic adjustments

### Eco-friendly materials for sustainability

- Designed to meet environmental standards



# PHILIPS

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S Line 27" (68.6 cm), 2560 x 1440 (QHD)

275S1AE/00

# Highlights

## IPS technology

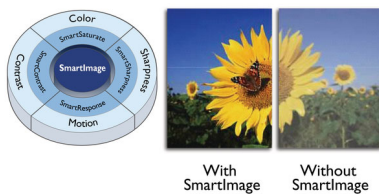


IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle - even in 90 degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

## Crystalclear images

These Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilizing high performance panels with high density pixel count, enabled by high bandwidth sources like Displayport, HDMI, Dual link DVI, these new displays will make your images and graphics come alive. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, using 3D graphic applications or a financial wizard working on huge spreadsheets, Philips displays will give you Crystalclear images.

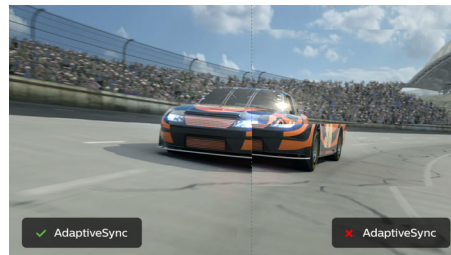
## SmartImage



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, Photo, Movie, Game, 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!

## Adaptive-Sync technology



Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artifact-free performance at virtually any framerate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.

## TUV Rheinland Eye Comfort

Philips display meet TUV Rheinland Eye Comfort standard to prevent eye strain caused by prolonged computer use. With TUV Eye Comfort certification, Philips displays ensure flicker-free, low blue mode, no disturbing reflections, wide viewing angle and less reduction of image quality from different angles and ergonomic stand designs for ideal viewing experience. Keep your eyes healthy and boost work productivity.

## LowBlue Mode



Studies have shown that just as ultra-violet rays can cause eye damage, shortwave length blue

light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

## Flicker-free technology



Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

## EasyRead mode



EasyRead mode for a paper-like reading experience

## Built-in speakers

A pair of stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.



# Specifications

## Picture/Display

- LCD panel type: IPS technology
- Adaptive sync
- Backlight type: W-LED system
- Panel Size: 27 inch / 68.6 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 596.736 (H) x 335.664 (V)
- Aspect ratio: 16:9
- Maximum resolution: 2560 x 1440 @ 75 Hz\*
- Pixel Density: 109 PPI
- Response time (typical): 4 ms (Gray to Gray)\*
- Brightness: 300 cd/m<sup>2</sup>
- Contrast ratio (typical): 1000:1
- SmartContrast: 50,000,000:1
- Pixel pitch: 0.2331 x 0.2331 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Color gamut (typical): NTSC 110%\*, sRGB 123%\*
- Display colors: 16.7 M
- Scanning Frequency: 30 - 114 kHz (H) / 48 - 75 Hz (V)
- sRGB
- Flicker-free
- LowBlue Mode
- EasyRead

## Connectivity

- Signal Input: DVI-D (digital, HDCP), DisplayPort 1.2, HDMI 1.4
- HDCP: HDCP 1.4 (DVI/DP/HDMI)
- Sync Input: Separate Sync
- Audio (In/Out): Audio out

## Convenience

- Built-in Speakers: 2 W x 2
- User convenience: SmartImage, Input, Brightness, Menu, Power On/Off
- Control software: SmartControl
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, French, Finnish, German, Greek, Hungarian, Italian, Japanese, Korean, Portuguese, Polish, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

## Stand

- Height adjustment: 130 mm
- Pivot: +/- 90 degree
- Swivel: +/- 180 degree
- Tilt: -5 ~ 25 degree

## Power

- ECO mode: 15.7 W (typ.)
- On mode: 17.3 W (typ.) (EnergyStar test method)
- Standby mode: 0.3 W
- Off mode: 0.3 W
- Energy Label Class: A
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

## Dimensions

- Product with stand(max height): 613 x 537 x 205 mm
- Product without stand (mm): 613 x 366 x 51 mm
- Packaging in mm (WxHxD): 700 x 456 x 216 mm

## Weight

- Product with stand (kg): 6.44 kg
- Product without stand (kg): 4.57 kg
- Product with packaging (kg): 8.55 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 %
- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

## Sustainability

- Environmental and energy: EnergyStar 8.0, EPEAT\*, TCO Certified, RoHS
- Recyclable packaging material: 100 %
- Post consumer recycled plastic: 85%
- Specific Substances: Mercury free, PVC / BFR free housing, Lead free

## Compliance and standards

- Regulatory Approvals: CB, EPA, FCC Class B, ICES-003, CE Mark, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, UKRAINIAN, CCC, CEL, CECP, TUV Eye Comfort certified

## Cabinet

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

## What's in the box?

- Monitor with stand
- Cables: HDMI cable, DP cable, Power cable
- User Documentation



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Version: 3.2.2

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\* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.  
\* Response time value equal to SmartResponse  
\* The maximum resolution works for either HDMI input or DP input.  
\* NTSC Area based on CIE1976  
\* sRGB Area based on CIE 1931  
\* EPEAT rating is valid only where Philips registers the product. Please visit <https://www.epeat.net/> for registration status in your country.  
\* The monitor may look different from feature images.