



#### LCD monitor

- S Line
- 22 (21.5"/54.6 cm diag.)
- Full HD (1920 x 1080)

221S6LCB/00

## Essential features, efficient performance

for maximum productivity

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

### Benefits

#### Great performance

- LED technology ensures natural colours
- Less eye fatigue with Flicker-Free technology
- SmartImage pre-sets for easy optimised image settings
- SmartContrast 20,000,000:1 for incredible rich black details

#### Designed for people

- SmartErgoBase enables user-friendly ergonomic adjustments
- Low bezel-to-table height for maximum reading comfort

### Features

#### 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

- Tilt and swivel adjustment for the ideal viewing angle

#### Sustainable Eco-design

- 25% recycled material with EPEAT Gold
- SmartPower: Up to 50% power saving
- Zero mercury content

gives superior colour reproduction thanks to consistent brightness across the screen.

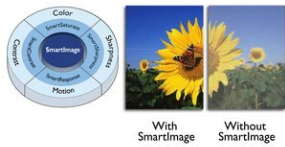
# PHILIPS

### 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.

### 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!

### SmartContrast ratio 20,000,000:1



You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight-boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent black level and accurate rendition of dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.

### SmartErgoBase



The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The user-friendly height, swivel, tilt and rotation angle adjustments of the base allow the monitor to be positioned for maximum comfort to help ease the physical strains of a long workday. In addition, cable management reduces cable clutter and keeps the workspace neat and professional.

## Specifications

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### Picture/Display

|                |                   |
|----------------|-------------------|
| LCD panel type | TFT-LCD           |
| Backlight type | W-LED system      |
| Panel Size     | 21.5 inch/54.6 cm |

### Low bezel-to-table height



Thanks to its advanced SmartErgoBase, the Philips monitor can be lowered down almost to desk level for a comfortable viewing angle. Low bezel-to-table height is the perfect solution if you use bifocals, trifocals or progressive lens glasses for your computing work. Additionally, it allows users of different heights to use the monitor at their preferred angle and height settings, helping them to reduce fatigue and strain.

### Screen tilt and swivel

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

### EPEAT Gold

Philips EPEAT GOLD certified monitors ensure protection for human health and the environment, and are highly energy efficient ensuring low emissions of climate changing greenhouse gases. The EPEAT programme helps purchasers evaluate, compare and select Monitors based on 51 environmental criteria supported by the US EPA. GOLD certification ensures that at least 30% of plastic used is Post-Consumer Resin, which ensures reduction in the use of toxic and hazardous materials. EPEAT Gold is valid only where Philips registers the product. Please visit [www.epeat.net](http://www.epeat.net) for the registration status in your country.

### SmartPower

SmartPower is an artificial intelligent technology which dynamically analyses the content of the screen image to achieve power saving. The backlight intensity can be controlled automatically and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs

### Zero mercury content

Philips monitors with LED backlighting are free from Mercury, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its lifecycle, from manufacturing to disposal.

|                        |                         |
|------------------------|-------------------------|
| Effective viewing area | 476.64 (H) x 268.11 (V) |
| Aspect ratio           | 16:9                    |
| Optimum resolution     | 1920 x 1080 @ 60 Hz     |

|                          |   |
|--------------------------|---|
| Response time (typical)  | 5 ms                                    |
| Brightness               | 250 cd/m <sup>2</sup>                   |
| Contrast ratio (typical) | 1000:1                                  |
| SmartContrast            | 20,000,000:1                            |
| Pixel pitch              | 0.248 x 0.248 mm                        |
| Viewing angle            | 170° (H)/160° (V)<br>@ C/R > 10         |
| Picture enhancement      | SmartImage                              |
| Display colours          | 16.7 M                                  |
| Scanning Frequency sRGB  | 30 - 83 kHz (H) / 56 - 76 Hz (V)<br>Yes |

#### Connectivity

|              |   |
|--------------|---|
| Signal Input | DVI-D (digital, HDCP)<br>VGA (Analogue) |
| Sync Input   | Separate Sync<br>Sync on Green          |

#### Convenience

|                                   |  |
|-----------------------------------|--|
| User convenience                  | SmartImage<br>Brightness<br>SmartPower<br>Menu<br>Power On/Off   |
| Control software<br>OSD Languages | SmartControl<br>Brazil Portuguese<br>Czech<br>Dutch<br>English<br>Finnish<br>French<br>German<br>Greek<br>Hungarian<br>Italian<br>Japanese<br>Korean<br>Polish<br>Portuguese<br>Russian<br>Simplified Chinese<br>Spanish<br>Swedish<br>Traditional Chinese<br>Turkish<br>Ukrainian |
| Other convenience                 | Kensington lock<br>VESA mount (100 x 100 mm)   |
| Plug and Play<br>Compatibility    | DDC/CI<br>Mac OS X<br>sRGB<br>Windows 10 / 8.1 / 8 / 7   |

#### Stand

|                   |                |
|-------------------|----------------|
| Height adjustment | 110 mm         |
| Pivot             | 90 degree      |
| Swivel            | -75/+75 degree |
| Tilt              | -5/20 degree   |

#### Power

|                     |  |
|---------------------|--|
| ECO mode            | 11.09 W (typ.)                                       |
| On mode             | 15 W (typ.) (EnergyStar 7.0 test method)             |
| Standby mode        | <0.3 W (typ.)  |
| Off mode            | <0.2 W (typ.)  |
| Power LED indicator | Operation - White<br>Standby mode - White (flashing) |
| Power supply        | Built-in<br>100-240 VAC, 50-60 Hz                    |

#### Dimensions

|                                 |                    |
|---------------------------------|--------------------|
| Product with stand (max height) | 511 x 483 x 227 mm |
| Product without stand (mm)      | 511 x 319 x 52 mm  |
| Packaging in mm (W x H x D)     | 565 x 422 x 184 mm |

#### Weight

|                             |         |
|-----------------------------|---------|
| Product with stand (kg)     | 4.64 kg |
| Product without stand (kg)  | 2.80 kg |
| Product with packaging (kg) | 6.59 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: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m) |
| MTBF                          | 70,000 hrs (excluded backlight) hour(s)                              |

#### Sustainability

|                               |   |
|-------------------------------|---|
| Environmental and energy      | EnergyStar 7.0<br>EPEAT Gold*<br>RoHS             |
| Recyclable packaging material | 100 %   |
| Recycled material             | 25%   |
| Specific Substances           | PVC/BFR free housing<br>Mercury free<br>Lead free |

#### Compliance and standards

|                      |   |
|----------------------|---|
| Regulatory Approvals | CE Mark<br>FCC Class B<br>SEMKO<br>cETLus<br>CU-EAC<br>TCO certified<br>TUV Ergo<br>TUV/GS<br>EPA<br>PSB<br>WEEE<br>RCM<br>UKRAINIAN<br>CECP<br>ICES-003<br>E-standby<br>J-MOSS |
|----------------------|---|

#### Cabinet

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

#### What's in the box?

|                    |            |
|--------------------|------------|
| Monitor with stand | yes        |
| Cables             | VGA, Power |
| User Documentation | yes        |

\* EPEAT Gold or Silver is valid only where Philips registers the product. Please visit [www.epeat.net](http://www.epeat.net) for registration status in your country.



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