



#### LCD monitor

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

223S5LSB/00

## Essential features, efficient performance

for maximum productivity

The Philips LED display using PVC, BFR-free housing is ideal for eco-friendly productivity

#### Benefits

##### Vivid pictures every time

- LED technology for vivid colours
- 16:9 Full HD display for crisp, detailed images
- SmartContrast for rich black details

- Mercury Free eco-friendly display
- Compact design saves space
- VESA mount allows for flexibility

##### Great choice

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

# PHILIPS

## 16:9 Full HD display



Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colours, expect a true-to-life picture.

## 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.

## Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

### Picture/Display

LCD panel type	TFT-LCD
Backlight type	W-LED system
Panel Size	21.5 inch/54.6 cm
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>
SmartContrast	10,000,000:1
Contrast ratio (typical)	1000:1
Pixel pitch	0.248 x 0.248 mm
Viewing angle	170° (H)/160° (V) @ C/R > 10
Display colours	16.7 M
Scanning Frequency	30-83 kHz (H) / 56-76 Hz (V)
sRGB	Yes

### Connectivity

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

### Convenience

User convenience	Power On/Off Menu/OK Brightness/Back 4:3 Wide/Up Auto/Down Brazil Portuguese
OSD Languages	Czech Dutch English Finnish French German

## Mercury Free

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.

Greek	
Hungarian	
Italian	
Japanese	
Korean	
Polish	
Portuguese	
Russian	
Simplified Chinese	
Spanish	
Swedish	
Traditional Chinese	
Turkish	
Ukrainian	
Other convenience	Kensington lock VESA mount (100 x 100 mm)
Plug and Play Compatibility	DDC/CI Mac OS X sRGB Windows 7 Windows 8

### Stand

Tilt	-5/20 degree
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### Power

On mode	15.3 W (typ.) (EnergyStar 7.0 test method)
Standby mode	0.5 W (typ.)
Off mode	0.5 W (typ.)
Power LED indicator	Operation - White Standby mode - White (flashing)
Power supply	Built-in 100-240 VAC, 50-60 Hz

### Dimensions

Product with stand (mm)	503 x 376 x 213 mm
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Product without stand (mm) 503 x 316 x 50 mm  
Packaging in mm (W x H x D) 555 x 414 x 107 mm

Recyclable packaging material  
Lead-free  
Mercury Free  
100 %

#### Weight

Product with stand (kg) 2.61 kg  
Product without stand (kg) 2.35 kg  
Product with packaging (kg) 3.87 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 30,000 hour(s)

#### Sustainability

Environmental and energy  
EnergyStar 7.0  
EPEAT Silver  
RoHS

#### Compliance and standards

Regulatory Approvals  
CE Mark  
FCC Class B  
EAC  
SEMKO  
BSMI  
cETLus  
TCO certified  
TUV/ISO9241-307  
WEEE

#### Cabinet

Colour  
Finish  
Black  
Hairline (front bezel)/Texture (rear cover)

#### What's in the box?

Monitor with stand  
Cables  
User Documentation  
yes  
VGA, Power  
yes



data subject to change  
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