



Philips Brilliance  
LED monitor with 2ms

21.5" (54.6 cm) C-line  
Full HD

226CL2SB

## Stylish, Full HD LED display with natural colors

With a Slim, Stylish design the new generation 226CL2 Full HD LED display with 2ms SmartResponse Turbo and stylish SmartTouch controls is ready to engage you in the gaming and movie world

### Great picture quality

- 16:9 display for best widescreen gaming and video
- SmartResponse of 2ms
- SmartContrast 20000000:1 for incredible rich black details
- SmartImage: Optimized user-friendly display experience
- LED technology ensures natural colors

### Design that complements any interior

- Glossy finish to enhance your decor
- Stylish SmartTouch controls
- Slim design for modern looks

### Environmentally friendly green design

- Energy Star for energy efficiency and low power consumption
- Eco-friendly materials that meets international standards

### Great convenience

- Easy display performance tuning with SmartControl Premium

# PHILIPS

LED monitor with 2ms  
21.5" (54.6 cm) C-line Full HD

226CL2SB/75

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

## Slim design

new range of Philips monitors use the latest new generation Slim CCFL or LED, thereby allowing designs to be much more slimmer than previous generation. Slim looks not only allow the monitors to look asthetically pleasing, but also saves space on the desk!!

## SmartControl Premium

SmartControl Lite is the next generation 3D icon based GUI monitor control software. This allows user to fine-tune a wide amount of parameters of the monitor like PowerSensor, Expanded ECO mode, Laptop support with dual monitor plug in, Multi-media, DisplayPort support, Color, Brightness, screen calibration, audio, etc with the mouse. it even gives out detailed ID description of the monitor for inventory management.

## SmartResponse - 2ms



SmartResponse is a exclusive Philips overdrive technology that when turned on, automatically adjusts response times to specific application requirements like gaming and movies which

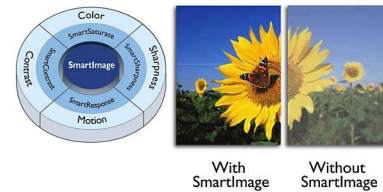
require faster response times in order to produce judder, time-lag and ghost image free images

## SmartContrast ratio 2000000:1



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 blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

## 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, Image, Entertainment, 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!

## SmartTouch controls



SmartTouch controls are intelligent, touch sensitive icons that replace protruding buttons. Responding to your lightest touch, SmartTouch controls, for example, power up your monitor or brighten and sharpen your display with SmartImage Lite. When activated, SmartTouch icons glow to indicate that your commands have been implemented.

## 16:9 widescreen aspect ratio

An aspect ratio is an expression of a video image's width compared to its height. The 16:9 widescreen aspect ratio is standard for universal to high-definition television and European digital television. A native 16:9 aspect ratio means outstanding game and video display without bars at top and bottom of the picture and without the quality loss than comes from scaling, altering an image to fit on a different screen size.

## Energy Star 5.0

Energy Star is a US EPA sponsored energy efficiency program also adopted by many other countries. Energy Star certification ensures that you are buying a product which meets the latest power efficiency standards which operates with maximum power efficiency at all operational levels. New Philips monitors are certified for Energy Star 5.0 specifications and meet or exceed the standard. For example, in sleep mode Energy Star 5.0 requires less than 1watt power consumption, whereas Philips monitors consume less than 0.5watts. Further details can be obtained from [www.energystar.gov](http://www.energystar.gov)



# Specifications

## Connectivity

- Signal Input: VGA (Analog ), DVI-D
- Sync Input: Separate Sync, Sync on Green

## Picture/Display

- Panel Size: 21.5 inch/54.6 cm
- Aspect ratio: 16:9
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Pixel pitch: 0.248 x 0.248 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 250 cd/m<sup>2</sup>
- Display colors: 16.7 M
- SmartContrast: 20,000,000:1
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Picture enhancement: SmartImage
- SmartResponse: 2 ms (Gray to Gray)
- Scanning Frequency: 30 - 83 kHz (H) / 56 -75 Hz (V)
- sRGB

## Convenience

- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7/Vista/XP
- User convenience: SmartImage, Menu, Input, Power On/Off, Turbo
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese, Turkish
- Other convenience: Kensington lock

## Stand

- Tilt: -3/+12 degree

## Power

- Power supply: External

- Off mode: <math>\leq 0.3W</math>
- On mode: <math>\leq 18W</math> (EnergyStar 5.0 test method)
- Standby mode: <math>\leq 0.3W</math>
- Power LED indicator: Operation - White, Standby/sleep-white (blinking)

## Dimensions

- Product with stand (mm): 515 x 399 x 198 mm
- Packaging in mm (WxHxD): 562 x 467 x 109 mm
- Product without stand (mm): 515 x 327 x 43 mm

## Weight

- Product with packaging (kg): 4.5 kg
- Product with stand (kg): 3.0 kg
- Product without stand (kg): 2.8 kg

## Operating conditions

- Temperature range (operation): 3 to 40 °C
- MTBF: 30,000 hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20 to 60 °C

## Sustainability

- Environmental and energy: RoHS, EPEAT Silver, EnergyStar 5.0
- Recyclable packaging material: 100 %

## Compliance and standards

- Regulatory Approvals: BSMI, GOST, CE Mark, FCC, Class B, UL/cUL

## Cabinet

- Color: Black/Black
- Finish: Glossy

