



Philips Brilliance
LED monitor with 2ms

Blade

23" (58.4 cm) Full HD

Brilliance

239CL2SB



Ultra slim LED display : your window to the world

With ultra slim design, this stylish new generation LED display is your window to the world!

Great picture quality

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

Design that complements any interior

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

Environmentally friendly green design

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

PHILIPS
sense and simplicity

Highlights

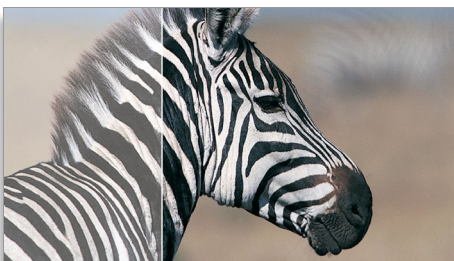
Slim design

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 aesthetically pleasing, but also saves space on the desk!!

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.

SmartContrast ratio 20000000:1



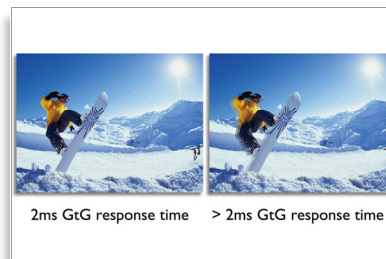
You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. SmartContrast will increase the contrast with excellent blacklevel and accurate rendition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

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

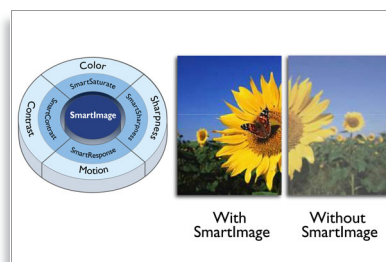
or brighten and sharpen your display with SmartImage Lite. When activated, SmartTouch icons glow to indicate that your commands have been implemented.

2ms Turbo mode



Turbo modes turns on over drive circuit for best response time, reduce jaggy edges for fast moving objects on screen, enhance contrast ratio for bright and dark scheme, this profile delivers the best gaming and movie experience.

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!

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.

Eco-friendly materials

"Philips is committed to use sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models we utilize upto 65% post consumer recycled plastics. Strict adherence to RoHS standards ensure substantial reduction or elimination of toxic substances like Lead, for example. Mercury content in monitors with CCFL backlight has been reduced significantly, while eliminated in monitors with LED backlight completely. Visit Philips @ <http://www.asimpleswitch.com/global/> to learn more.

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

Glossy finish

An attractive, elegantly finished glossy finish that fits in with and complements your decor.



Specifications

Picture/Display

- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 23 inch/58.42 cm
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60Hz
- Response time (typical): 5 ms
- SmartResponse: 2 ms (Gray to Gray)
- Brightness: 250 cd/m²
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.265 x 0.265 mm
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

Connectivity

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

Convenience

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

Stand

- Tilt: -3/14 degree

Power

- On mode: 24 W (EnergyStar 5.0 test method)
- Standby mode: 0.3 W

- Off mode: 0.3 W
- Power LED indicator: Operation - White, Standby/sleep-white (blinking)
- Power supply: External, 100-240VAC, 50/60Hz

Dimensions

- Product with stand (mm): 547 x 408 x 175 mm
- Product with stand in inch: 23.53 x 16.06 x 6.89 inch
- Packaging in mm (WxHxD): 599 x 553 x 125 mm
- Packaging in inch (WxHxD): 23.58 x 21.77 x 4.92 inch

Weight

- Product with stand (kg): 2.56 kg
- Product with stand (lb): 5.63 lb
- Product with packaging (kg): 4.78 kg
- Product with packaging (lb): 10.52 lb

Operating conditions

- Temperature range (operation): 0°C to 40°C °C
- Temperature Range (storage): -20°C to 60°C °C
- Relative humidity: 20%-80 %
- MTBF: 30,000 hour(s)

Sustainability

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

Compliance and standards

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

Cabinet

- Color: Black/Black
- Finish: Glossy



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Version: 2.0.1

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