



Philips Brilliance
LED Monitor

Blade

23" (58.4 cm)
C-line

Brilliance

234CL2SB



Ultra slim LED display. Simply stunning.

With an ultra slim design and technology that delivers sharp vivid colours, the Philips Blade LED display is a new level of cool sophistication

Stunningly beautiful

- Stylish design that complements any interior
- Ultra Slim, sleek and modern
- Sophisticated glossy finish
- Cool SmartTouch controls

Stunningly Clever

- LED technology for natural vivid colours
- SmartContrast 20,000,000:1 for incredible rich black details
- SmartResponse 2ms refresh for fast gaming
- SmartImage optimised for ease of use
- HDMI-ready for Full HD entertainment
- 16:9 display for best widescreen gaming and video

Environmentally friendly green design

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

PHILIPS

Highlights

Ultra Slim, sleek and modern

New range of Philips monitors use the latest new generation Slim CCFL or LED, thereby allowing designs to be much slimmer than the previous generation. Slim looks not only allow the monitors to look asthetically pleasing, but also save 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 the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

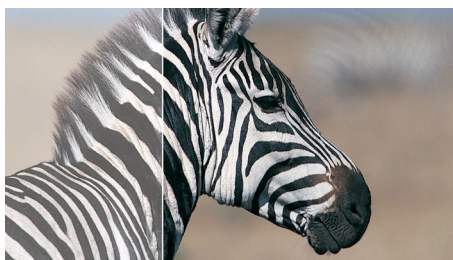
2ms Turbo mode



2ms GtG response time > 2ms GtG response time

Turbo mode turns on the overdrive circuit which produces better response times, reduces jaggy edges for fast moving objects onscreen and enhances the contrast ratio for the bright and dark scheme. This profile delivers the best gaming and movie experience.

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.

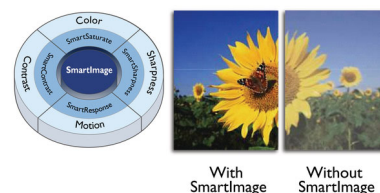
Eco-friendly materials

"Philips is committed to using 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 utilise up to 65% post-consumer recycled plastics. Strict adherence to RoHS standards ensures substantial reduction or elimination of toxic substances like lead, for example. Mercury content in monitors with CCFL backlights has been reduced significantly and eliminated completely in monitors with LED backlights. Visit Philips at <http://www.asimpleswitch.com/global/> to learn more.

Energy Star 5.0

Energy Star is a US EPA sponsored energy efficiency programme also adopted by many other countries. Energy Star certification ensures that you are buying a product which meets the latest power efficiency standards and 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 1 Watt power consumption, whereas Philips monitors consume less than 0.5 Watts. Further details can be obtained from www.energystar.gov

SmartImage



SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and gives you optimised 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 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 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.



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 @ 60 Hz
- Response time (typical): 5 ms
- SmartResponse: 2 ms (Grey to Grey)
- 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 colours: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

Connectivity

- Audio output: HDMI audio out (3.5 mm jack) x 1
- Signal Input: VGA (Analogue), HDMI
- 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 and 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 (flashing)
- Power supply: External, 100-240 VAC, 50/60 Hz

Dimensions

- Product with stand (mm): 547 x 408 x 175 mm
- Packaging in mm (W x H x D): 599 x 553 x 125 mm

Weight

- Product with stand (kg): 2.89 kg
- Product with packaging (kg): 4.78 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% %
- 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

- Colour: Black/Black
- Finish: Glossy



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