



Philips Brilliance
LCD monitor with
Lightframe™

22" w X-line

Brilliance



220X1SW

For your eyes only!

Reduce eye fatigue with Innovative Lightframe LCD

Delivering unique vision-friendly, fatigue-reducing viewing for the whole family plus elegant, eye-catching style, Lightframe LCDs are a feast for the eyes, designed for people who spend long hours working in front of a computer screen.

Amazing viewing experience free from eye-fatigue

- Reduce your eye fatigue with innovative lighting technology
- SmartImage: Optimised user-friendly display experience
- TrueVision: Laboratory quality display performance
- Glossy piano white finish design to enhance your home decor

A pure treat for your eyes

- SmartContrast 30000:1 for incredible rich black details
- Fast response time up to 2 ms
- DVI-D input and HDCP support

Designed for your convenience

- Dual input accepts both analogue VGA and digital DVI signals
- One-touch format switching between wide and 4:3 ratios
- USB port for convenient peripheral connections

PHILIPS

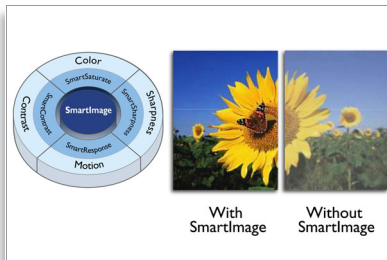
sense and simplicity

Highlights

Lightframe™

Lightframe is Philips LCD technology triggered by turning on the Lightframe. It reduces eye strain by surrounding your monitor frame with blue light that stimulates your visual senses for improved concentration and promotes an overall feeling of wellbeing.

SmartImage



SmartImage is an exclusive leading-edge Philips technology that analyses the content displayed on your screen. Based on a scenario you select, SmartImage dynamically enhances the contrast, colour saturation and sharpness of images and videos for ultimate display performance - all in real time and at the press of a single button.

TrueVision



TrueVision is an industry leading, proprietary Philips testing and algorithm technology for the adjustment and fine-tuning of monitors, an extensive process that ensures ultimate display performance in compliance with a standard

four-times more stringent than Microsoft's Vista requirements, for each monitor that leaves the factory - not just a few review samples. Only Philips goes to these lengths to deliver this exacting level of colour accuracy and display quality in every new monitor.

SmartContrast ratio 30000:1



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.

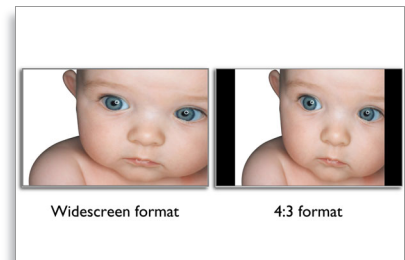
2ms GtG response time



GtG response time is the average time that it takes for a pixel to go from one arbitrary

position to another, which is the average time of transition between several sets of random colour levels. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artefacts in the display of fast moving images. GtG response time is an important way to measure display quality of multimedia content like movies, videos and games.

Auto picture format button



Philips auto picture format is a button that switches from the 4:3 aspect ratio to the widescreen mode, and back again, to match the display's aspect ratio with your content for working with wide documents without scrolling or viewing widescreen media in the widescreen mode and distortion-free, native mode display of 4:3 ratio content.

Specifications

Picture/Display

- LCD panel type: 1680 x 1050 pixels, Anti-glare polariser, RGB vertical stripe
- Panel Size: 22 inch/55.9 cm
- Aspect ratio: 16:10
- Pixel pitch: 0.282 x 0.282 mm
- Brightness: 250 cd/m²
- SmartContrast: 30000:1
- Contrast ratio (typical): 1000:1
- SmartResponse: 2 ms (Grey to Grey)
- Response time (typical): 5 ms
- Optimum Resolution: 1680 x 1050 @ 60 Hz
- Viewing angle: 160° (H)/160° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colours: 16.7 M
- Scanning Frequency: 30–83 kHz (H)/56–75 Hz (V)
- sRGB

Connectivity

- Signal Input: VGA (Analogue), DVI-D
- USB: USB 2.0 x 1
- Sync Input: Separate Sync, Sync on Green

Convenience

- User convenience: SmartImage, SmartControl II, Picture format selection, LightFrame, Menu, Input, Auto, Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Simplified Chinese, Spanish, Portuguese
- Other convenience: Kensington lock
- Plug and Play Compatibility: DDC/CI, Windows 98/2000/XP/Vista, sRGB

Stand

- Tilt: -5/20 degree

Power

- ECO mode: <17.5 W
- On mode: <20 W (EnergyStar 5.0 test method)
- Off mode: <0.5 W
- Power LED indicator: Operation - Blue, Standby/sleep-blue (flashing)
- Power supply: Built-in, 100-240 VAC, 50/60 Hz

Dimensions

- Product with stand (mm): 429 x 517 x 201 mm
- Product without stand (mm): 350 x 517 x 74 mm
- Packaging in mm (WxHxD): 570 x 482 x 134 mm

Weight

- Product with stand (kg): 4.88 kg
- Product without stand (kg): 4.53 kg
- Product with packaging (kg): 6.46 kg

Operating conditions

- MTBF: 50,000 hour(s)
- Relative Humidity: 20–80% %
- Temperature range (operation): 0°C to 40°C °C
- Temperature range (storage): -20°C to 60°C °C

Sustainability

- Environmental and energy: EPEAT Silver, RoHS, EnergyStar 5.0

Compliance and standards

- Regulatory Approvals: CE Mark, SEMKO

Cabinet

- Colour: White



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