**Philips Brilliance
LCD monitor with LED
backlight**

LightFrame 2™
23.6" / 60 cm

248X3LFHSB

Relax your eyes

Innovative Lightframe display reduces eye fatigue

The innovative Philips LightFrame 2 display with its unique bezel emits specific wavelength cool blue light which reduces your eye fatigue and improves concentration, giving you a greater sense of well-being.

Elegant design to fit your home
- Aluminum die-cast base embodies purity of form
- Sophisticated design that expresses your lifestyle
- Superb high gloss dual tone finish

Greener everyday
- Eco-friendly materials that meets international standards
- Mercury Free eco-friendly display

Your eyes, the route to relaxation
- Cool blue lighted bezel helps improve concentration
- LED technology for brilliant images
- Innovative LightFrame™ technology relaxes your eyes
- SmartImage optimized for ease of use
- SmartKolor for rich vibrant images
- SmartTxt for a optimized reading experience
- HDMI-ready for 16:9 Full HD entertainment
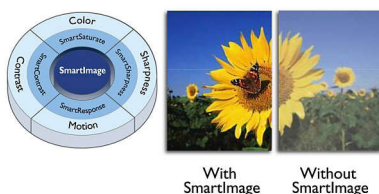
PHILIPS

Highlights

LightFrame™

With its unique LightFrame technology Philips has continued on a long tradition of putting innovation to a meaningful use. LightFrame technology is based on the scientific tenet that blue light passed through the eye's third receptor refreshes your biological clock, energizes you, and gives you a greater sense of well-being. By using specially developed exclusive materials, Philips LightFrame display emits a specific wavelength blue light from it's bezel helping you to reduce eye fatigue and improving your concentration even after long periods of time in front of the screen.

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.

SmartImage
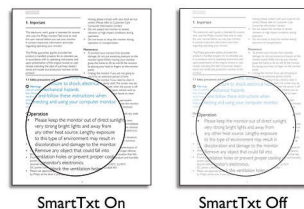
With
SmartImage

Without
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, Photo, Movie, Game, 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!

SmartKolor

SmartKolor On   SmartKolor Off

SmartKolor is a sophisticated color extension technology that is able to enhance visual color range of the display. By boosting RGB gain level of the display, this feature enables you to have rich, vibrant images for experiencing outstanding photos and videos.

SmartTxt

SmartTxt On   SmartTxt Off

SmartTxt is a sophisticated algorithm that enhances reading of text based application such as PDF documents or ebooks which usually requires more focus and concentration.

HDMI-ready

A HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input, high quality digital video and audio signals all transmitted over a single cable from a PC or any number of AV sources including set-top boxes, DVD players and A/V receivers and video cameras.

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.

Mercury Free

Philips monitors with LED backlighting are free of Mercury content, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its life-cycle, from manufacturing to disposal.

Sophisticated design

Sophisticated design that expresses your lifestyle

Blue lighted bezel

Cool blue lighted bezel helps improve concentration

Superb gloss dual tone finish

Superb high gloss dual tone finish

Aluminum die-cast base

Aluminum die-cast base embodies purity of form

Specifications

Connectivity
- Signal Input: HDMI x 2, VGA (Analog)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): HDMI audio out

Picture/Display
- Panel Size: 23.6" / 59.9cm
- Aspect ratio: 16:9
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Pixel pitch: 0.272 x 0.272 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 300 cd/m²
- Display colors: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 5 ms
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- 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, Input, Power On/Off, LightFrame, Menu/OK
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock

Stand
- Tilt: -5/+20 degree

Power
- Power supply: 100-240VAC, 50/60Hz, External
- Off mode: <0.3 W
- On mode: 16.72 W (EnergyStar 5.0 test method)
- Standby mode: <0.3 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions
- Product with stand (mm): 578 x 443 x 194 mm
- Packaging in mm (WxHxD): 630 x 518 x 120 mm
- Product without stand (mm): 578 x 369 x 40 mm

Weight
- Product with packaging (kg): 6.30 kg
- Product with stand (kg): 5.10 kg
- Product without stand (kg): 3.60 kg

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

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

Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SASO, SEMKO, TCO 5.2, TUV Ergo, TUV/GS, UL/cUL, WEEE

Cabinet
- Finish: Glossy
- Foot: Black with Aluminum die cast base
- Front bezel: Blue light
- Rear cover: Black