



LCD monitor with SoftBlue Technology

- E Line
- 24 (Viewable 23.6"/59.9 cm)
- Full HD (1920 x 1080)

247E6ESW/00

SoftBlue Technology

developed for the wellbeing of your eyes

Designed for you: The elegant new Philips E-line monitor features new SoftBlue Technology for easy-on-the-eyes, brilliantly coloured images.

Benefits

Superb Picture Quality

- SoftBlue Technology is easy on the eyes and maintains colour
- IPS-ADS wide-view technology for image and colour accuracy
- 16:9 Full HD display for crisp, detailed images
- SmartImage Lite for easy optimised image settings
- SmartControl Lite: For quick and easy display tuning
- SmartContrast for deep black level details

Elegant Design

- Elegant, slim design complements your home decor

- Modern Touch controls complement the design
- Superb glossy finish enhances your home decoration

Greener every day

- Low power consumption saves energy bills
- Mercury Free eco-friendly display
- Eco-friendly materials that meet international standards

PHILIPS

Features

SoftBlue Technology



SoftBlue LED technology uses smart technology to reduce harmful shortwave blue light without affecting the colour or image of the display. SoftBlue LED technology is certified by international testing organisation TUV Rheinland to reduce harmful blue light.

IPS-ADS technology



IPS-ADS displays use an advanced technology that gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS-ADS displays give you remarkably crisp images with vivid colours, making them ideal not only for Photos, movies and web browsing, but also for professional applications that demand colour accuracy and consistent brightness at all times.

16:9 Full HD display



Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colours, expect a true-to-life picture.

SmartImage Lite

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

SmartControl Lite

SmartControl Lite is the next generation 3D icon-based GUI monitor control software. This allows the user to fine-tune most parameters of the monitor like Colour, Brightness, screen calibration, Multimedia, ID management etc. with the mouse.

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

LCD panel type	IPS-ADS LCD
Backlight type	W-LED system
Panel Size	23.6 inch/59.9 cm
Effective viewing area	521.28 (H) x 293.22 (V)
Aspect ratio	16:9

SmartContrast



SmartContrast is a Philips technology that analyses the contents you are displaying, automatically adjusting colours and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

Modern Touch controls



Touch controls are intelligent, touch-sensitive icons that replace protruding buttons to allow users to adjust the monitor to their requirements. Responding to the lightest touch, Touch control gives the monitor a modern feel.

Mercury Free

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

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.

Optimum resolution	1920 x 1080 @ 60 Hz
Response time (typical)	5 ms (Grey to Grey)*
Brightness	250 cd/m ²
Contrast ratio (typical)	1000:1

SmartContrast	20,000,000:1	Power supply	Standby mode - White (flashing)
Pixel pitch	0.2715 x 0.2715 mm		External
Viewing angle	178° (H)/178° (V) @ C/R > 10		100-240 VAC, 50-60 Hz
Picture enhancement	SmartImage Lite	Dimensions	
Display colours	16.7 M	Product with stand (mm)	561 x 429 x 212 mm
Scanning Frequency	30–83 kHz (H)/56–75 Hz (V)	Product without stand (mm)	561 x 347 x 43 mm
sRGB	Yes	Packaging in mm (W x H x D)	598 x 490 x 100 mm
SoftBlue	Yes		
Connectivity		Weight	
Signal Input	VGA (Analogue) DVI-D (digital, HDCP)	Product with stand (kg)	3.65 kg
Sync Input	Separate Sync Sync on Green	Product without stand (kg)	3.27 kg
		Product with packaging (kg)	4.90 kg
Convenience		Operating conditions	
User convenience	Power On/Off Menu 4:3/Wide Input	Temperature range (operation)	0°C to 40°C °C
OSD Languages	SmartImage Lite Brazil Portuguese Czech Dutch English Finnish French German Greek Hungarian Italian Japanese Korean Polish Portuguese Russian Simplified Chinese Spanish Swedish Traditional Chinese Turkish Ukrainian	Temperature range (storage)	-20°C to 60°C °C
Other convenience	Kensington lock	Relative humidity	20%–80% %
Plug and Play Compatibility	DDC/CI Mac OS X sRGB Windows 7 Windows 8	Altitude	Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
		MTBF	30,000 hour(s)
Stand		Sustainability	
Tilt	-5/20 degree	Environmental and energy	EnergyStar 6.0 EPEAT Silver RoHS Lead-free Mercury Free
Power		Recyclable packaging material	100 %
On mode	14.74 W (typ.) (EnergyStar 6.0 test method)	Compliance and standards	
Standby mode	0.5 W (typ.)	Regulatory Approvals	BSMI CE Mark cETLus FCC Class B GOST PSB SASO SEMKO TCO 6.0 TUV/ISO9241-307 WEEE CU-EAC KUCAS
Off mode	0.3 W (typ.)	Cabinet	
Power LED indicator	Operation - White	Colour	White
		Finish	Glossy

* Response time value equal to SmartResponse



data subject to change
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