



LCD monitor with SmartImage Lite

- E Line
- 23.6" / 60 cm
- Full HD display

247E4LHSB/00

## Elegant display enhances your viewing experience

Experience awesome LED pictures with natural colors on this elegant and slim design display. With features like HDMI and SmartImage lite, it's great choice!

### Benefits

#### Superb Picture Quality

- LED technology for natural colors
- SmartImage Lite for an enhanced LCD viewing experience
- 16:9 Full HD display for best viewing experience
- TrueVision ensures lab quality images
- Fast response time up to 2ms

#### Elegant Design

- Modern Touch controls
- Elegant, slim design complements your home decor

### Features

#### 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

#### Experience multimedia

- HDMI-ready for Full HD entertainment
- High quality stereo headphone output

#### Greener everyday

- Mercury Free eco-friendly display
- Low power consumption saves energy bills

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

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superior color reproduction thanks to consistent brightness across the screen.

#### SmartImage Lite

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

#### HDMI Ready



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

#### 16:9 Full HD



The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colors.

#### TrueVision



TrueVision is a proprietary Philips technology that uses advanced algorithm for testing and aligning monitor display which gives you the ultimate display performance. Philips ensures TrueVision monitors leave the factory fine-tuned with this process giving you consistent color and picture quality.

## 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	TFT-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
Optimum resolution	1920 x 1080 @ 60Hz
SmartResponse	2 ms (Gray to Gray)
Response time (typical)	5 ms
Brightness	250 cd/m <sup>2</sup>

#### 2ms GtG response time



SmartResponse is an exclusive Philips overdrive technology that when turned on, automatically adjusts response times to specific application requirements like gaming and movies which require faster response times in order to produce judder, time-lag and ghost image free images

#### Touch controls



Touch controls are intelligent, touch sensitive icons that replace protruding buttons that let the user adjust the monitor to their requirement. Responding to your lightest touch, Touch control gives the monitor a modern feel.

#### 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.

Contrast ratio (typical)	1000:1
SmartContrast	20,000,000:1
Pixel pitch	0.272 x 0.272 mm
Viewing angle	178° (H) / 170° (V) @ C/R > 5
Picture enhancement	SmartImage Lite
Display colors	16.7 M
Scanning Frequency	30 -83 kHz (H) / 56 -75 Hz (V)
sRGB	Yes

### Connectivity

Signal Input	VGA (Analog ) HDMIx2
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	HDMI audio out

### Convenience

User convenience	SmartImage lite Input 4:3 / Wide Menu Power On/Off
OSD Languages	English French German Italian Portuguese Russian Simplified Chinese Spanish Turkish
Other convenience Plug & Play Compatibility	Kensington lock DDC/CI Mac OS X sRGB Windows 7 Windows 8

### Stand

Tilt	-5/20 degree
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### Power

On mode	17.2 W (EnergyStar 6.0 test method)
Standby mode	0.5 W (typ.)
Off mode	0.3 W (typ.)
Power LED indicator	Operation - White Standby mode- White (blinking)
Power supply	External 100-240VAC, 50-60Hz

### Dimensions

Product with stand (mm)	557 x 434 x 193 mm
Product without stand (mm)	557 x 348 x 39 mm
Packaging in mm (WxHxD)	605 x 505 x 104 mm

### Weight

Product with stand (kg)	3.44 kg
Product without stand (kg)	3.16 kg
Product with packaging (kg)	5.60 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 %
Altitude	Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
MTBF	30,000 hour(s)

### Sustainability

Environmental and energy	EnergyStar 6.0 EPEAT Silver RoHS Lead-free Mercury Free
Recyclable packaging material	100 %

### Compliance and standards

Regulatory Approvals	BSMI CE Mark FCC Class B GOST PSB SASO SEMKO TCO 6.0 TUV/ISO9241-307 UL/cUL WEEE
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### Cabinet

Color	Black
Finish	Glossy



data subject to change  
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