Philips
LCD monitor with
Quantum Dot colour

E Line
27" (68.6 cm)
Full HD (1920 x 1080)

276E6ADSS

Vivid, true-to-life colours

in an elegant design

Colours like you've never seen before. The new Philips E-line monitor features Quantum Dot Technology, an advanced nanotechnology that produces the richest and most vivid colours.

Superb Picture Quality

- Quantum Dot Tech for see-it-to-believe-it colour
- Pro colour standards 99% Adobe RGB, 100% sRGB
- 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
- Superb glossy finish enhances your home decoration
- Modern Touch controls complement the design

Experience immersive multimedia

- MHL technology for enjoying mobile content on a big screen

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Highlights

Quantum Dot colour

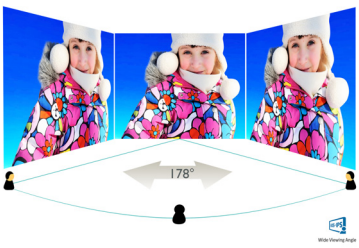
Quantum Dot Technology is an innovative semiconductor nanocrystal technology that precisely emits light to produce bluer blues, greener greens and redder reds. LCD monitors with Quantum Dot colour produce a more dynamic range of colours and show the true natural palette of colours in the picture. The result - vibrant, dynamic, see-it-to-believe-it colour.

AdobeRGB

Typical color Adobe RGB

With professional industry-standard colour coverage 99% Adobe RGB and 100% sRGB colour gamuts, you can have confidence that your colour is consistent and true.

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.

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.

MHL technology

Mobile High-Definition Link (MHL) is a mobile audio/video interface for directly connecting mobile phones and other portable devices to high-definition displays. An optional MHL cable allows you to simply connect your MHL-capable mobile device to this large Philips MHL display and watch your HD videos come to life with full digital sound. Now not only can you enjoy your mobile games, photos, movies or other apps on its big screen, you can simultaneously charge your mobile device so you never run out of power halfway.

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.

Quantum Dot Color | Adobe RGB Color | Wide Viewing Angle | HDMI | MHL | Full HD 1080p | SmartImage Lite | 20,000,000:1 SmartContrast | Touch control

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Specifications

Picture/Display
- LCD panel type: IPS-ADS LCD
- Backlight type: W-LED system
- Panel Size: 27 inch/68.6 cm
- Effective viewing area: 597.89 (H) x 336.31 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Response time (typical): 5 ms (Grey to Grey)*
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.311 x 0.311 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Colour Saturation: Adobe RGB
- Picture enhancement: SmartImage Lite
- Display colours: 16.7 M
- Scanning Frequency: 30–83 kHz (H)/56–75 Hz (V)
- MHL: 1920 x 1080 @ 60 Hz
- Adobe RGB

Connectivity
- Signal Input: VGA (Analogue), DVI-D (digital, HDCP), MHL-HDMI (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): HDMI audio out

Convenience
- User convenience: Power On/Off, Menu, 4:3/ Wide, Input, SmartImage lite
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8

Stand
- Tilt: -5/20 degree

Power
- On mode: 25.89 W (typ.) (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 (flashing)
- Power supply: External, 100-240 VAC, 50-60 Hz

Dimensions
- Product with stand (mm): 640 x 471 x 235 mm
- Product without stand (mm): 640 x 390 x 48 mm
- Packaging in mm (W x H x D): 708 x 562 x 125 mm

Weight
- Product with stand (kg): 5.33 kg
- Product without stand (kg): 4.57 kg
- Product with packaging (kg): 7.04 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: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- MTBF: 50,000 hrs (Excluding backlight) 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: CSC, CEL, WEEE, CE Mark, cETLus, FCC Class B, SEMKO, TCO certified, TUV Ergo, TUV/GS

Cabinet
- Colour: White / Silver
- Finish: Glossy

* This Philips display is MHL-certified. However, if your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for instructions. The policy of your device manufacturer may require you to purchase its brand-specific MHL cable or adapter in order for it to work
* Requires optional MHL-certified mobile device and MHL cable (not included). Please check with your MHL device vendor for compatibility.
* Standby/Off energy saving of ErP is not applicable for the MHL charging functionality
* For a complete list of MHL-enabled products, refer to www.mhlconsortium.org
* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* Response time value equal to SmartResponse

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