Philips
LCD monitor with
Quantum Dot color

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

276E6ADSS

Vivid, true-to-life colors

in an elegant design

Colors 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 colors.

Elegant Design
- Elegant, slim design complements your home decor
- Modern Touch controls complement the design
- Superb glossy finish enhance your home decoration

Experience immersive multimedia
- MHL technology for enjoying mobile content on big screen

Superb Picture Quality
- SmartControl Lite: For quick and easy display tuning
- SmartImage Lite for easy optimized image settings
- SmartContrast for deep black level details
- 16:9 Full HD display for crisp detailed images
- IPS-ADS wide-view technology for image and color accuracy
- Quantum Dot Tech for see-it-to-believe-it color
- Pro color standards 99% AdobeRGB, 100% sRGB

PHILIPS

Highlights

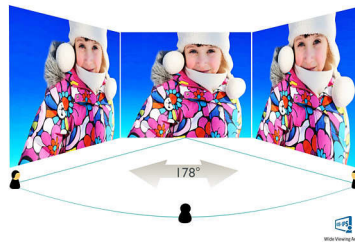## Quantum Dot color

Typical Monitor   Quantum Dot

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 color produce a more dynamic range of colors and show the true natural palette of colors in the picture. The result - vibrant, dynamic, you-gotta-see-it-to-believe-it color.

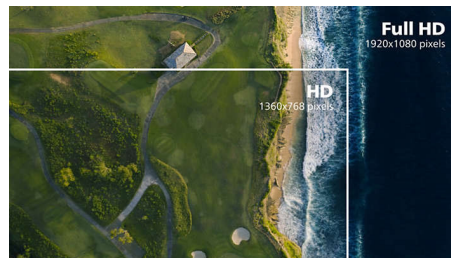## AdobeRGB

Typical color   Adobe RGB

Meeting professional industry-standard color, this monitor offers Adobe 99% and 100% sRGB color spectrum. The enhanced color rendering range of Adobe RGB makes it ideal for professional photo and video editing, animation, or work with color-critical projects. You can now be confident that your color is consistent and true to the original image.

IPS-ADS technology

178°

IPS-ADS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, 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 colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

16:9 Full HD display

Full HD 1920x1080 pixels
HD 1360x768 pixels

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 colors expect a true to life picture.

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.

SmartControl Lite

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

SmartContrast

SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors 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 you can 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 half way.

Quantum Dot Color | Adobe RGB Color | ADS-IPS Wide Viewing Angle | Full HD 1080p | SmartImage Lite | SmartControl lite | MHL Mobile High-Definition Link | Touch control | Adobe RGB Color

Specifications

Connectivity

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

Picture/Display

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

Convenience

- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8
- 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

Stand

- Tilt: -5/20 degree

Power

- Power supply: External, 100-240VAC, 50-60Hz
- Off mode: 0.3 W (typ.)
- On mode: 25.89 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions

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

Weight

- Product with packaging (kg): 7.04 kg
- Product with stand (kg): 5.33 kg
- Product without stand (kg): 4.57 kg

Operating conditions

- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- Temperature range (operation): 0°C to 40°C °C
- MTBF: 50,000 hrs (Excluding backlight) hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C

Sustainability

- Environmental and energy: EnergyStar 6.0, RoHS, 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

- Color: White / Silver
- Finish: Glossy

* This Philips display is MHL certified. However, in case your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for direction. The policy of your device manufacturer may require you to purchase their brand specific MHL cable or adapter in order 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 complete list of MHL-enabled products refer to www.mhlconsortiun.org
* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* Response time value equal to SmartResponse