

Philips  
LCD monitor

### E Line

22 (21.5" / 54.6 cm diag.)  
Full HD (1920 x 1080)

227E6LDSD



## Vivid colors, crisp details

in an elegant design

Experience brilliant, crisp images like never before with this Full HD, display. With elegant, slim design and SmartImage lite, it looks stunning in every way!

#### Superb Picture Quality

- LED technology for brilliant colors and energy efficiency
- 16:9 Full HD display for crisp detailed images
- SmartImage Lite for easy optimized image settings
- SmartContrast for deep black level details

#### Elegant Design

- Elegant, slim design complements your home decor
- Superb black cherry glossy finish
- Modern Touch controls complement the design

#### Experience immersive multimedia

- MHL technology for enjoying mobile content on big screen
- HDMI-ready for Full HD entertainment

# PHILIPS

# Highlights

## 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.

## 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 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.

## 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.

## Modern Touch controls



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

## 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.

## 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).



# Specifications

## Picture/Display

- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 21.5 inch / 54.6 cm
- Effective viewing area: 476.6 (H) x 268.1 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 250 cd/m<sup>2</sup>
- Response time (typical): 1 ms (Gray to Gray)\*
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.248 x 0.248 mm
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- Picture enhancement: SmartImage Lite
- Display colors: 16.7 M
- Scanning Frequency: 30 -83 kHz (H) / 56 -75 Hz (V)
- MHL: 1080p@30Hz
- sRGB

## 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

## 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 & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

## Stand

- Tilt: -5/20 degree

## Power

- On mode: 13.44 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 (blinking)
- Power supply: External, 100-240VAC, 50-60Hz

## Dimensions

- Product with stand (mm): 511 x 400 x 212 mm
- Product with stand in inch: 20.1 x 15.7 x 8.3 inch
- Product without stand (mm): 511 x 318 x 36 mm
- Product without stand in inch: 20.1 x 12.5 x 1.4 inch
- Packaging in mm (WxHxD): 562 x 466 x 106 mm
- Packaging in inch (WxHxD): 22.1 x 18.3 x 4.17 inch

## Weight

- Product with stand (kg): 2.95 kg
- Product with stand (lb): 6.49 lb
- Product without stand (kg): 2.58 kg
- Product without stand (lb): 5.68 lb
- Product with packaging (kg): 4.50 kg
- Product with packaging (lb): 9.90 lb

## 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: 50,000 (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: CE Mark, FCC Class B, CU-EAC, SEMKO, ETL, TUV/ISO9241-307, SASO, WEEE, EPA, KUCAS, RCM

## Cabinet

- Color: Black Cherry
- Finish: Glossy



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[www.philips.com](http://www.philips.com)

\* 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.mhlconsortium.org](http://www.mhlconsortium.org)

\* HDMI cables vary depending on region and models.

\* Response time value equal to SmartResponse