

Philips  
LCD monitor

### E Line

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

227E6LDAD



## Vivid colours, crisp details

in an elegant design

Experience brilliant, crisp images like never before with this full HD display. With an elegant, slim design and SmartImage lite, it looks stunning from every angle!

#### **Elegant Design**

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

#### **Superb Picture Quality**

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

#### **Experience immersive multimedia**

- HDMI-ready for Full HD entertainment
- MHL technology for enjoying mobile content on a big screen
- Built-in stereo speakers for multimedia

# PHILIPS

LCD monitor  
E Line 22 (21.5"/54.6 cm diag.), 1920 x 1080 (Full HD)

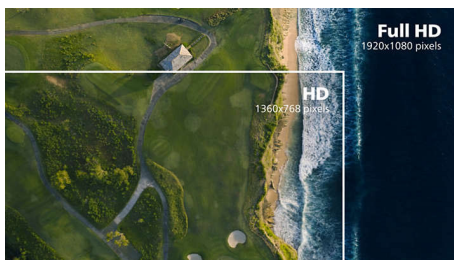
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# Highlights

## 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 the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour 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 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.

## 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 so the user can adjust the monitor to their requirements. Responding to your lightest touch, touch controls give 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 halfway.

## HDMI Ready



An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. An HDMI cable enables high-quality digital video and audio to be 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).

## Built-in stereo speakers



A pair of high-quality stereo speakers built into a display device. They may be visible front firing, or invisible down firing, top firing, rear firing etc. depending on model and design.

## Superb black cherry

Superb black cherry glossy finish

## Slim design

Elegant, slim design complements your home decor



# Specifications

## Connectivity

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

## Picture/Display

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

## Convenience

- Built-in Speakers: 1 W x 2
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: Power On/Off, Menu, Volume, 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, 100–240 VAC, 50–60 Hz

- Off mode: 0.3 W (typ.)
- On mode: 16.6 W (typ.), 23.55 W (max.)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

## Dimensions

- Product with stand (mm): 511 x 400 x 212 mm
- Packaging in mm (W x H x D): 562 x 466 x 106 mm
- Product without stand (mm): 511 x 318 x 36 mm

## Weight

- Product with packaging (kg): 4.50 kg
- Product with stand (kg): 2.95 kg
- Product without stand (kg): 2.58 kg

## Operating conditions

- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- Temperature range (operation): 0°C to 40°C °C
- MTBF: 50,000 (excluding backlight) hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C

## Sustainability

- Environmental and energy: RoHS, 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

- Colour: Black Cherry
- Finish: Glossy

## What's in the box?

- Cables: VGA, Audio, Power
- Monitor with stand
- User Documentation



Issue date 2024-05-06

Version: 4.1.1

EAN: 87 12581 74015 3

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

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

\* Response time value equal to SmartResponse