



Philips Monitor  
Full HD Curved LCD  
monitor

### E Line

24 (23.6" / 59.9 cm diag.)  
1920 x 1080 (Full HD)

241E1C

## Simply immersive

The 24" curved E line display offers a truly immersive experience in a stylish design. Experience crisp Full HD visuals, and smooth action with AMD FreeSync technology.

#### Features designed for you

- HDMI ensures universal digital connectivity
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity

#### Curved design inspired by the world around us

- Curved display design for more immersive experience

#### Greener everyday

- Mercury Free eco-friendly display

#### Superb Picture Quality

- SmartContrast for rich black details
- 16:9 Full HD display for crisp detailed images
- VA display delivers awesome images with wide viewing angles
- SmartImage game mode optimized for gamers
- Effortlessly smooth gameplay with AMD FreeSync™ technology

# PHILIPS

Full HD Curved LCD monitor  
E Line 24 (23.6" / 59.9 cm diag.), 1920 x 1080 (Full HD)

241E1C/89

# Highlights

## Curved display design



Desktop monitors offer a personal user experience, which suits a curve design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the center of your desk.

## VA display



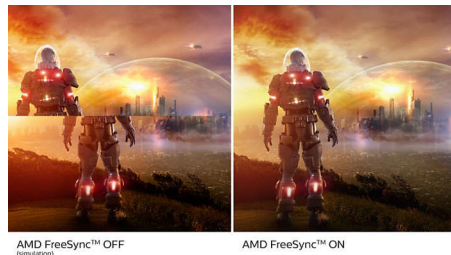
Philips VA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images.

## 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.

## Ultra-smooth gaming



Gaming shouldn't be a choice between choppy gameplay or broken frames. With the new Philips monitor it doesn't have to be. Get fluid, artifact-free performance at virtually any framerate with AMD FreeSync™ technology, smooth quick refresh and ultra-fast response time.

## 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.

## SmartImage Game mode



The new Philips gaming display has quick access OSD fine tuned for gamers, offering you multiple options. "FPS" mode (First person shooting) improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode adapts display with fastest response time, high color, along with image adjustments. "RTS" mode (Real time strategy) has a special SmartFrame mode which enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customized settings based on different games, ensuring best performance.

## Flicker-free technology



Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.



# Specifications

## Connectivity

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

## Picture/Display

- Panel Size: 23.6 inch / 59.9 cm
- Aspect ratio: 16:9
- LCD panel type: VA LCD
- Backlight type: W-LED system
- Pixel pitch: 0.272 x 0.272 mm
- Brightness: 250 cd/m<sup>2</sup>
- Display colors: 16.7 M
- Color gamut (typical): NTSC 83.87%\*, sRGB 100.78%\*
- Contrast ratio (typical): 3000:1
- SmartContrast: Mega Infinity DCR
- Response time (typical): 4 ms (Gray to Gray)\*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage game
- Maximum resolution: 1920 x 1080 @ 75 Hz\*
- Effective viewing area: 521.4 (H) x 293.3 (V) mm - at a 1500R curvature\*
- Scanning Frequency: 30 - 85 kHz (H) / 48 - 76 Hz (V)
- sRGB
- Flicker-free
- Pixel Density: 93 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- AMD FreeSync™ technology

## Convenience

- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: Power On/Off, Menu, Brightness, Input, SmartImage Game
- 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, VESA mount (100x100mm)

## Stand

- Tilt: -5/20 degree

## Power

- Power supply: External, 100-240VAC, 50-60Hz
- Off mode: < 0.3 W (typ.)
- On mode: 27.9 W (typ.)
- Standby mode: < 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

## Dimensions

- Product with stand (mm): 536 x 413 x 205 mm
- Packaging in mm (WxHxD): 600 x 487 x 175 mm
- Product without stand (mm): 536 x 322 x 66 mm

## Weight

- Product with packaging (kg): 5.12 kg
- Product with stand (kg): 3.05 kg
- Product without stand (kg): 2.46 kg

## Operating conditions

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

## Sustainability

- Environmental and energy: RoHS
- Recyclable packaging material: 100 %
- Specific Substances: Mercury free, PVC / BFR free housing

## Compliance and standards

- Regulatory Approvals: CCC, CU-EAC, TUV/ISO9241-307, TUV-BAUART, PSB, CB, CE Mark

## Cabinet

- Color: Black
- Finish: Textured



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\* Radius of the arc of the display curvature in mm

\* The maximum resolution works for HDMI input only.

\* Response time value equal to SmartResponse

\* NTSC Area based on CIE1976

\* sRGB Area based on CIE1931

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\* The monitor may look different from feature images.