

PHILIPS

Full HD Curved LCD
monitor

Monitor

E Line

24 (23.6"/59.9 cm diag.)

1920 x 1080 (Full HD)

241E1SC



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 a more immersive experience

Greener every day

- 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 optimised for gamers
- Effortlessly smooth gameplay with AMD FreeSync™ technology

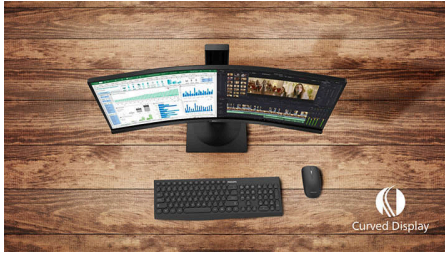
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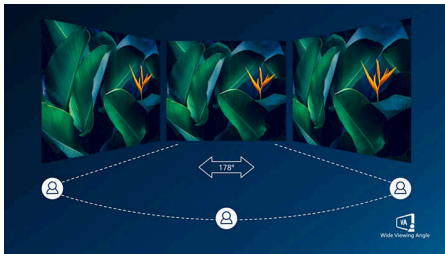
Highlights

Curved display design



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

VA display



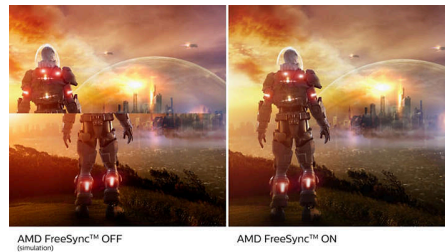
The Philips VA LED display uses an advanced multi-domain vertical alignment technology that gives you super-high static contrast ratios for extra-vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web browsing, films, gaming and demanding graphical applications. Its optimised pixel management technology gives you a 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 colours, 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, artefact-free performance at virtually any frame rate with AMD FreeSync™ technology, smooth, quick refresh and ultra-fast response time.

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)

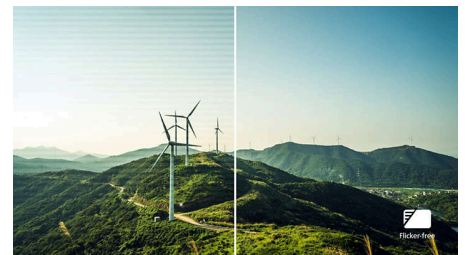
improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode adapts the display with the fastest response time and high colour, along with image adjustments. "RTS" mode (Real-time strategy) has a special SmartFrame mode that enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customised settings based on different games, ensuring best performance.

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.

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.



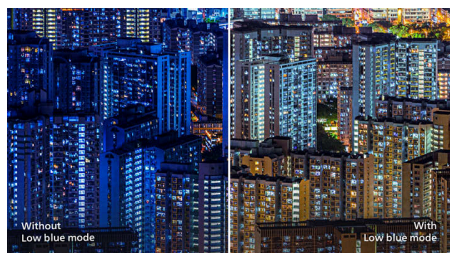
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LowBlue Mode



Studies have shown that just as ultra-violet rays can cause eye damage, shortwave-length blue light rays from LED displays can cause eye damage and affect vision over time. Developed

for wellbeing, the Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

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).

Mercury Free

Philips monitors with LED backlighting are free from Mercury, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its lifecycle, from manufacturing to disposal.



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Specifications

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/m²

Display colours: 16.7 M

Colour gamut (typical): NTSC 83.87%*, sRGB 100.78%*

Contrast ratio (typical): 3000:1

SmartContrast: Mega Infinity DCR

Response time (typical): 4 ms (Grey to Grey)*

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

Connectivity

Signal Input: VGA (Analogue), HDMI (digital, HDCP)

Sync Input: Separate Sync, Sync on Green

Audio (In/Out): HDMI audio out

Convenience

Plug and 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 (100 x 100 mm)

Stand

Tilt: -5/20 degree

Power

Power supply: External, 100–240 VAC, 50–60 Hz

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 (flashing)

Energy Label Class: E

Dimensions

Product with stand (mm): 536 x 413 x 202 mm

Packaging in mm (W x H x D): 595 x 475 x 154 mm

Product without stand (mm): 536 x 322 x 66 mm

Weight

Product with packaging (kg): 4.97 kg

Product with stand (kg): 3.14 kg

Product without stand (kg): 2.46 kg

Operating conditions

Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)

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: CB, CE Mark, CU-EAC, EAEU RoHS, TUV/ISO9241-307, TUV-BAUART

Cabinet

Colour: Black

Finish: Textured

What's in the box?

Cables: HDMI cable, Power cable

Monitor with stand

User Documentation

