Philips
Curved LCD monitor with
Ultra Wide-Color

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

278E8QJAB





Ultra-curved, ultra-colorful

Colors like you've never seen before. This brilliant wide view display with Ultra Wide-Color offers the richest and most vivid colors wrapped in an immersive curved design for a your best creations yet.

Curved design inspired by the world around us
- Curved display design for more immersive experience

Superb Picture Quality
- Ultra Wide-Color wider range of colors for a vivid picture
- VA display gives awesome images with wide viewing angle
- 16:9 Full HD display for crisp detailed images
- Less eye fatigue with Flicker-free technology
- SmartContrast for deep black level details
- SmartImage Lite for easy optimized image settings

Elegant Design
- Elegant, slim design complements your home decor

Features designed for you
- Built-in stereo speakers for multimedia
- DisplayPort connection for maximum visuals
- HDMI-ready for Full HD entertainment

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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.

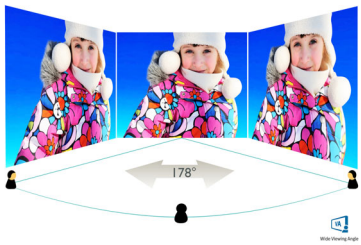
Ultra Wide-Color Technology



Ultra Wide-Color

Ultra Wide-Color Technology delivers a wider spectrum of colors for a more brilliant picture. Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring, media entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color Technology.

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.

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.

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.

Built-in stereo speakers

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

DisplayPort connection



DisplayPort

DisplayPort is a digital link from PC to Monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15meter cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates - making DisplayPort the best choice for not only general office or home use, but also for the demanding gaming and movies, video editing and more. It also keeps interoperability in mind via use of various adapters.

CurvedDisplay
Ultra Wide-Color
Wide Viewing Angle
Flicker-free
AMD FREESYNC TECHNOLOGY
EasySelect
Slim
HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE
Built-in speakers

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Specifications

Picture/Display
- LCD panel type: VA LCD
- Backlight type: W-LED system
- Panel Size: 27 inch / 68.6 cm
- Effective viewing area: 597.9 (H) x 336.3 (V) - at a 1800 R curvature*
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Response time (typical): 4 ms (Gray to Gray)*
- Brightness: 250 cd/m²
- Contrast ratio (typical): 3000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.311 x 0.311 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage Lite
- Color gamut (typical): NTSC 104%*, sRGB 130%*
- Display colors: 16.7 M
- Scanning Frequency: 54 - 84 kHz (H) / 49 - 75 Hz (V)
- sRGB
- Freesync

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

Convenience
- Built-in Speakers: 3 W x 2
- 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, Ukranian
- 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: 31.8 W (typ.)
- Standby mode: 0.5 W
- Off mode: 0.5 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: External, 100-240VAC, 50-60Hz

Dimensions
- Product with stand (mm): 620 x 470 x 189 mm
- Product without stand (mm): 620 x 365 x 68 mm
- Packaging in mm (WxHxD): 730 x 539 x 186 mm

Weight
- Product with stand (kg): 4.80 kg
- Product without stand (kg): 4.57 kg
- Product with packaging (kg): 7.02 kg

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

Sustainability
- Environmental and energy: RoHS, Lead-free, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: CE Mark, FCC Class B, CU-EAC, TUV/ISO9241-307, VCCI, RCM, BSMI, cETLus, CEL, WEEE, CECP, TUV Ergo, TUV/GS

Cabinet
- Color: Black
- Finish: Glossy

What's in the box?
- Monitor with stand
- Cables: D-Sub cable, HDMI cable, Audio cable, Power cable
- User Documentation

Issue date 2017-02-19
Version: 3.0.1
12 NC: 8670 001 43818
EAN: 87 12581 74513 4

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* Radius of the arc of the display curvature in mm
* Response time value equal to SmartResponse
* NTSC Area based on CIE1976
* sRGB Area based on CIE 1931