Philips
Curved LCD monitor with
Ultra Wide-Color

E Line
32 (31.5" / 80 cm diag.)
2560 x 1440 (QHD)

328E9FJAB

# Stunning color, ultimate immersion

## with Crystal-clear details

Experience real immersion with Philips Curved Monitors. The 32" curved E line monitor offers a truly immersive experience with stunning crystal-clear QHD image quality. Ultra wide-color gives color quality that brings your images alive!

### Features designed for you

- DisplayPort connection for maximum visuals
- HDMI ensures universal digital connectivity
- Built-in stereo speakers for multimedia
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity
- Narrow border display for a seamless appearance

### Curved design inspired by the world around us

- Curved display design for more immersive experience
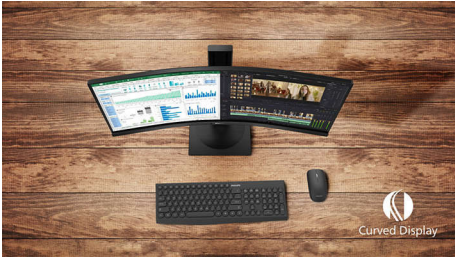
### Superb Picture Quality

- VA display delivers awesome images with wide viewing angles
- Crystalclear images with Quad HD 2560 x 1440 pixels
- Ultra Wide-Color wider range of colors for a vivid picture
- Effortlessly smooth gameplay with AMD FreeSync™ technology

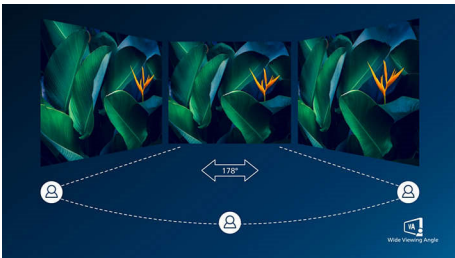# PHILIPS

# 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 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

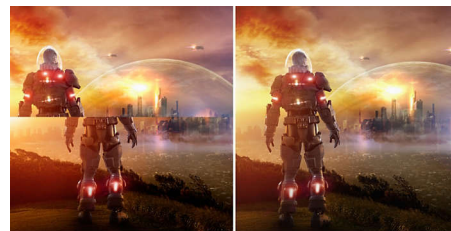Philips VA LED display uses an advanced multi-domain vertical alignment technology which

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.

### Crystalclear images

These Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilizing high performance panels with high density pixel count, enabled by high bandwidth sources like USB-C, Displayport, HDMI, these new displays will make your images and graphics come alive. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, using 3D graphic applications or a financial wizard working on huge spreadsheets, Philips displays will give you Crystalclear images.

### Ultra-smooth gaming
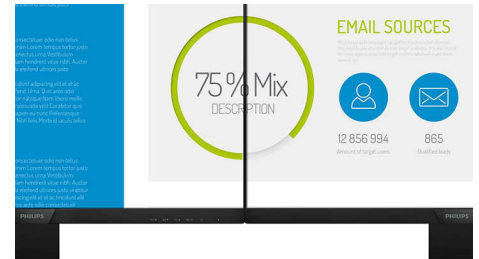
AMD FreeSync™ OFF (simulation)    AMD FreeSync™ ON

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.

### UltraNarrow Border

The new Philips displays feature ultra-narrow borders which allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setup like gaming, graphic design and professional applications, the ultra-narrow border display gives you the feeling of using one large display.

### 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.

CurvedDisplay    Ultra Wide Color    Wide Viewing Angle    Quad HD    AMD FreeSync    Ultra Narrow Bezel    Flicker-free    LowBlue Mode    Built-in Speaker    HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

# Specifications

## Connectivity
- Signal Input: VGA (Analog ), DisplayPort x 1, HDMI (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

## Picture/Display
- Panel Size: 31.5 inch / 80 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 colors: 16.7 M
- Color gamut (typical): NTSC 102%*, sRGB 122.6%*
- Contrast ratio (typical): 3000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 4 ms (Gray to Gray)*
- Viewing angle: 178° (H) / 178° (V), @ C/R &gt; 10
- Picture enhancement: SmartImage game
- Maximum resolution: 2560 x 1440 @ 75 Hz*
- Effective viewing area: 697.3 (H) x 392.3 (V) - at a 1800R curvature*
- Scanning Frequency: 70 - 115 kHz (H) / 48 - 75 Hz (V)
- sRGB
- Flicker-free
- Pixel Density: 93 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, Haze 25%
- AMD FreeSync™ technology

## Convenience
- Built-in Speakers: 3 W x 2
- 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: Internal, 100-240VAC, 50-60Hz
- Off mode: &lt; 0.3 W (typ.)
- On mode: 60.35 W (typ.)
- Standby mode: &lt; 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

## Dimensions
- Product with stand (mm): 713 x 525 x 236 mm
- Product with stand in inch: 28.1 x 20.6 x 9.3 inch
- Packaging in mm (WxHxD): 827 x 626 x 233 mm
- Product without stand (mm): 713 x 425 x 52 mm
- Packaging in inch (WxHxD): 32.6 x 24.6 x 9.2 inch
- Product without stand in inch: 28.1 x 16.7 x 2.0 inch

## Weight
- Product with packaging (kg): 10.45 kg
- Product with stand (kg): 6.78 kg
- Product with packaging (lb): 22.99 lb
- Product with stand (lb): 14.92 lb
- Product without stand (kg): 6.40 kg
- Product without stand (lb): 14.08 lb

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

## Sustainability
- Environmental and energy: RoHS, Mercury Free, WEEE
- Recyclable packaging material: 100 %

## Compliance and standards
- Regulatory Approvals: CE Mark, FCC Class B, CU-EAC, TUV/ISO9241-307, CB, cETLus

## Cabinet
- Color: Black / Silver
- Finish: Glossy

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

* Radius of the arc of the display curvature in mm
* The maximum resolution works for either HDMI input or DP input.
* 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.