



Philips  
Curved LCD monitor with  
Ultra Wide-Color

### E Line

32 (31.5" / 80 cm diag.)  
1920 x 1080 (Full HD)

328E8QJAB5

## Ultra-curved, ultra-colorful

Colors like you've never seen before. This brilliant wide-view curved Full HD display with an ultra-wide color range, offers fast action with true-to-life colors for a completely immersive experience.

#### Features designed for you

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

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

- Curved display design for more immersive experience

#### Superb Picture Quality

- SmartContrast for deep black level details
- 16:9 Full HD display for crisp detailed images
- Less eye fatigue with Flicker-free technology
- VA display delivers awesome images with wide viewing angles
- Ultra Wide-Color wider range of colors for a vivid picture
- SmartImage game mode optimized for gamers
- Effortlessly smooth gameplay with AMD FreeSync™ technology

# PHILIPS

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E Line 32 (31.5" / 80 cm diag.), 1920 x 1080 (Full HD)

328E8QJAB5/89

# Highlights

## Curved display design



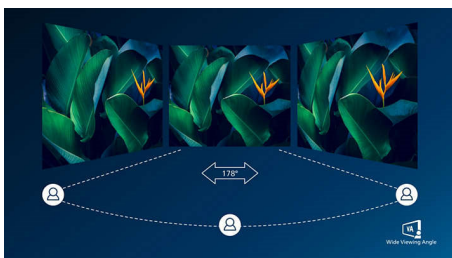
Desktop monitors offer a personal user experience, which suits a curve design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the center of your desk.

## 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.

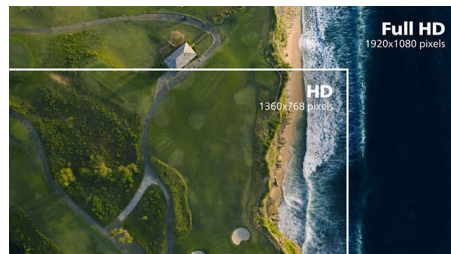
## VA display



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

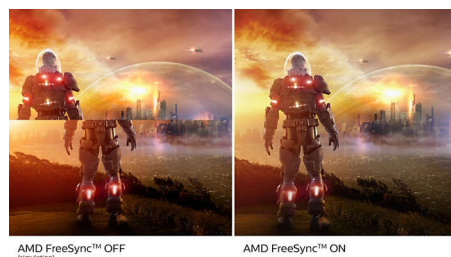
applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images.

## 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.

## 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 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.

## 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.



# 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: 0.364 x 0.364 mm
- Brightness: 250 cd/m<sup>2</sup>
- Display colors: 16.7 M
- Color gamut (typical): NTSC 103%\*, sRGB 126%\*
- Contrast ratio (typical): 3000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 5 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: 698.11 (H) x 392.69 (V) - at a 1800R curvature\*
- Scanning Frequency: 54 - 84 kHz (H) / 49 - 72 Hz (V)
- sRGB
- Flicker-free
- Pixel Density: 70 PPI
- 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, Volume, Input, SmartImage Game/Return
- 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: -5/10 degree

## Power

- Power supply: External, 100-240VAC, 50-60Hz
- Off mode: 0.3 W (typ.)
- On mode: 43.82 W (typ.)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

## Dimensions

- Product with stand (mm): 721 x 525 x 223 mm
- Packaging in mm (WxHxD): 836 x 648 x 186 mm
- Product without stand (mm): 721 x 434 x 76 mm

## Weight

- Product with packaging (kg): 10.11 kg
- Product with stand (kg): 7.20 kg
- Product without stand (kg): 6.90 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, Mercury Free
- Recyclable packaging material: 100 %

## Compliance and standards

- Regulatory Approvals: CE Mark, FCC Class B, CU-EAC, TUV/ISO9241-307, VCCI, RCM, CECP, BSMI, WEEE

## Cabinet

- Color: Black & Gunmetal
- Finish: Glossy



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\* 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.