



Philips
Curved LCD monitor with
Ultra Wide-Color

E Line
32 (31.5"/80 cm diag.)
4K UHD (3840 x 2160)

328E1CA

Simply immersive

The 32" curved E line display offers a truly immersive experience in a stylish design. Ultra-clear 4K UHD with Ultra Wide-Color and Adaptive-Sync brings your images alive!

Curved design inspired by the world around us

- Curved display design for a more immersive experience

Superb Picture Quality

- Ultra Wide-Color wider range of colours for a vivid picture
- VA display delivers awesome images with wide viewing angles
- UltraClear 4K UHD (3840 x 2160) resolution for precision
- Effortlessly smooth action with Adaptive-Sync technology
- SmartContrast for rich black details

Features designed for you

- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity
- HDMI ensures universal digital connectivity
- Built-in stereo speakers for multimedia
- DisplayPort connection for maximum visuals

PHILIPS

Highlights

Curved display design



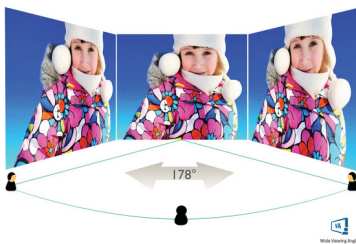
Desktop monitors offer a personal user experience, which suits a curved design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the centre of your desk.

Ultra Wide-Color Technology



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

VA display



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,

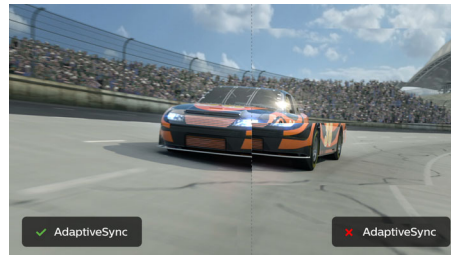
films, gaming and demanding graphical applications. Its optimised pixel management technology gives you a 178/178-degree extra-wide viewing angle, resulting in crisp images.

UltraClear 4K UHD Resolution



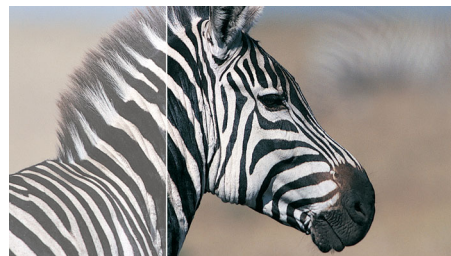
These latest Philips displays utilise high-performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are a professional requiring extremely detailed images for CAD solutions, using 3D graphics applications or are a financial wizard working on huge spreadsheets, Philips displays will make your images and graphics come alive.

Adaptive-Sync technology



Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artefact-free performance at virtually any frame rate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.

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.

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.



Specifications

Picture/Display

- LCD panel type: VA LCD
- Backlight type: W-LED system
- Panel Size: 31.5 inch/80 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 697.3 (H) x 392.2 (V) mm - at a 1500R curvature*
- Aspect ratio: 16:9
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Pixel Density: 140 PPI
- Response time (typical): 4 ms (Grey to Grey)*
- Brightness: 250 cd/m²
- Contrast ratio (typical): 2500:1
- SmartContrast: Mega Infinity DCR
- Pixel pitch: 0.182 x 0.182 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Flicker-free
- Picture enhancement: SmartImage game
- Colour gamut (typical): NTSC 97.8%*, sRGB 120.5%*
- Display colours: Colour support 1.07 billion colours
- Scanning Frequency: 53 - 84 kHz (H) / 48 - 75 Hz (V)
- SmartUniformity: 97~102%
- Delta E: < 2
- LowBlue Mode
- sRGB
- Adaptive sync

Connectivity

- Signal Input: DisplayPort 1.2, HDMI 2.0 x 2
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): Audio out

Convenience

- Built-in Speakers: 3 W x 2
- User convenience: Power On/Off, Menu, Volume, 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)
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Stand

- Tilt: -5/20 degree

Power

- On mode: 49.3 W (typ.)
- Standby mode: < 0.5 W (typ.)
- Off mode: < 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: Internal, 100-240 VAC, 50-60 Hz

Dimensions

- Product without stand (mm): 709 x 425 x 88 mm
- Packaging in mm (W x H x D): 800 x 625 x 236 mm
- Product with stand (max height): 709 x 523 x 281 mm

Weight

- Product with stand (kg): 7.71 kg
- Product without stand (kg): 6.89 kg
- Product with packaging (kg): 10.51 kg

Operating conditions

- Temperature range (operation): 0 to 40 °C
- Temperature range (storage): -20 to 60 °C
- Relative humidity: 20%–80% %
- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- 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: CCC, CECP, CEL, CE Mark, SEMKO, TUV Ergo, TUV/GS, cETLus, CU-EAC

Cabinet

- Colour: Black
- Finish: Textured

What's in the box?

- Monitor with stand
- Cables: DP cable, HDMI cable, Audio cable, Power cable
- User Documentation



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Version: 6.0.1

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EAN: 87 12581 75851 6

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* Radius of the arc of the display curvature in mm

* Response time value equal to SmartResponse

* NTSC Area based on CIE 1976

* sRGB Area based on CIE 1931

* The monitor may look different from feature images.