



Philips  
Curved LCD monitor with  
Ultra Wide-Color

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

**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!

### 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
- Cable management reduces cable clutter for neat workspace

### Curved design inspired by the world around us

- Curved display design for more immersive experience

### Superb Picture Quality

- SmartContrast for rich black details
- VA display delivers awesome images with wide viewing angles
- UltraClear 4K UHD (3840x2160) resolution for precision
- Ultra Wide-Color wider range of colors for a vivid picture
- Effortlessly smooth action with Adaptive-Sync 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.

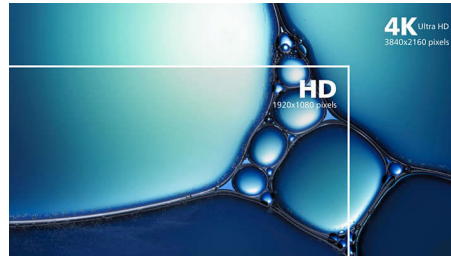
## VA display



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.

## UltraClear 4K UHD Resolution



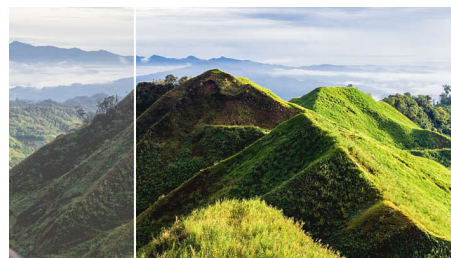
These Philips displays utilize high performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are demanding professional requiring extremely detailed images for CAD solutions, using 3D graphics applications or a financial wizard working on huge spreadsheets, Philips 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, artifact-free performance at virtually any framerate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.

## 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.

## Concealed cables



For a cleaner workspace, this monitor features an elegant solution for cable management. No need to bundle cables with extra ties. An elongated slot provides a hidden storage for cables. It conceals cables and looks great in most environments, especially for a small space or the desk that faces a wall or a window. This design cleans up messy cables, for a more organized desk.

## 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.



# Specifications

## Connectivity

- Signal Input: DisplayPort 1.2, HDMI 2.0 x 2
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Audio 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: 0.182 x 0.182 mm
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Brightness: 250 cd/m<sup>2</sup>
- Display colors: Color support 1.07 billion colors
- Color gamut (typical): NTSC 99%\*, sRGB 122%\*
- Contrast ratio (typical): 2500:1
- SmartContrast: Mega Infinity DCR
- Response time (typical): 4 ms (Gray to Gray)\*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage game
- Effective viewing area: 697.3 (H) x 392.2 (V) mm - at a 1500R curvature\*
- Scanning Frequency: 53 - 84 kHz (H) / 48 - 75 Hz (V)
- sRGB
- Delta E: < 2
- Flicker-free
- Pixel Density: 140 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- SmartUniformity: 97 ~ 102%
- Adaptive sync

## 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
- 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: < 0.3 W (typ.)
- On mode: 61.1 W (typ.)
- Standby mode: < 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

## Dimensions

- Packaging in mm (WxHxD): 800 x 625 x 236 mm
- Product without stand (mm): 709 x 425 x 88 mm
- Packaging in inch (WxHxD): 31.5 x 24.6 x 9.3 inch
- Product without stand in inch: 27.9 x 16.7 x 3.5 inch
- Product with stand(max height): 709 x 523 x 281 mm
- Product with stand(max height): 27.9 x 20.6 x 11.1 inch

## Weight

- Product with packaging (kg): 10.51 kg
- Product with stand (kg): 7.71 kg
- Product with packaging (lb): 23.12 lb
- Product with stand (lb): 16.96 lb
- Product without stand (kg): 6.89 kg
- Product without stand (lb): 15.16 lb

## 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: CCC, CECP, CEL, CE Mark, SEMKO, TUV Ergo, TUV/GS, cETLus, CU-EAC

## Cabinet

- Color: Black
- Finish: Textured

## What's in the box?

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



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UPC: 6 09585 25295 0

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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 CIE1931

\* The monitor may look different from feature images.