

Philips Monitor  
UltraWide LCD monitor

**E Line**

34" (86.36 cm)  
3440 x 1440 (WQHD)

**345E2AE**



## Experience true color, unconstrained visuals

The Philips E line UltraWide display gives expansive panoramic visual. A CrystalClear WQHD display, Ultra Wide-Color, and ergonomic stand design make for optimal viewing conditions. MultiView meets the need for usability and productivity.

### Features designed for you

- EasySelect menu toggle key for quick on-screen menu access
- Built-in stereo speakers for multimedia
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity
- Tilt and height-adjust for an ideal viewing position
- MultiView enables simultaneous dual connection and view
- Cable management reduces cable clutter for neat workspace

### Good for Gaming

- Effortlessly smooth gameplay with AMD FreeSync™ technology
- SmartImage game mode optimized for gamers

### Superb Picture Quality

- SmartContrast for rich black details
- IPS LED wide view technology for image and color accuracy
- CrystalClear images with UltraWide QHD 3440 x 1440 pixels

# PHILIPS

UltraWide LCD monitor  
E Line 34" (86.36 cm), 3440 x 1440 (WQHD)

345E2AE/01

# Highlights

## UltraWide CrystalClear images



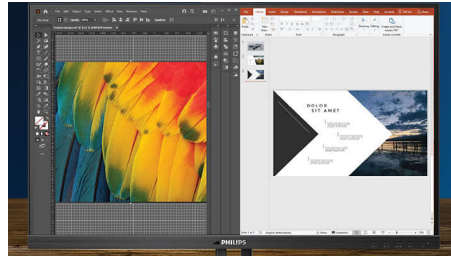
These Philips screens deliver CrystalClear, UltraWide Quad HD 3440 x 1440 pixel images. Utilizing high performance panels with high-density pixel count, 178/178 wide viewing angles, these new displays will make your images and graphics come alive. The UltraWide 21:9 format enables more productivity with more room for side-by-side comparisons and more viewable spreadsheet columns. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, or a financial wizard working on huge spreadsheets, Philips displays delivers CrystalClear images.

## Ultra Wide-Color Technology



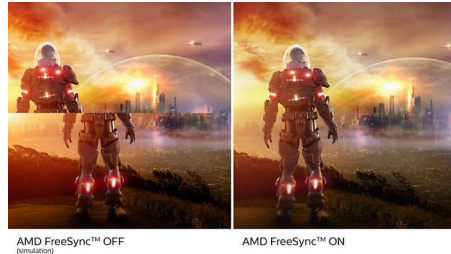
Ultra Wide-Color Technology delivers a wider spectrum of colors for a more brilliant picture. Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring, media entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color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

## MultiView technology



With the ultra-high resolution Philips MultiView display you can now experience a world of connectivity. MultiView enables active dual connect and view so that you can work with multiple devices like a PC and notebook simultaneously, for complex multi-tasking.

## 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.

## SmartImage Game mode



The new Philips gaming display has quick access OSD fine tuned for gamers, offering you

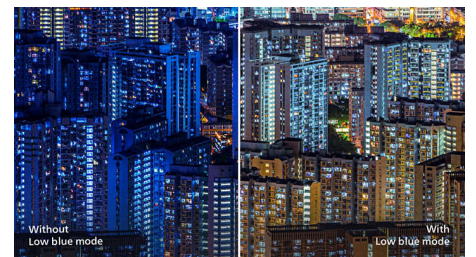
multiple options. "FPS" mode (First person shooting) improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode adapts display with fastest response time, high color, along with image adjustments. "RTS" mode (Real time strategy) has a special SmartFrame mode which 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.

## 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, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.



WQHD



Ultra Wide Color



Multiview



AMD FreeSync



SmartImage Game



Flicker-free



LowBlue Mode



Built-in Speaker



Wide Viewing Angle



# Specifications

## Picture/Display

- Panel Size: 34 inch / 86.36 cm
- Aspect ratio: 21:9
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Pixel pitch: 0.2325 x 0.2325 mm
- Brightness (max.): 300\* cd/m<sup>2</sup>
- Display colors: 16.7 M
- Color gamut (typical): NTSC 106.8%\*, sRGB 120.3%\*
- Contrast ratio (typical): 1000:1
- SmartContrast: Mega Infinity DCR
- Response time (typical): 4 ms (Gray to Gray)\*
- Viewing angle: 178° (H) / 178° (V), @ C/R &gt; 10
- Picture enhancement: SmartImage game
- Maximum resolution: 3440 x 1440 @ 75 Hz\*
- Effective viewing area: 799.8 (H) x 334.8 (V) mm
- Scanning Frequency: 30 - 120 kHz (H) / 48 - 75 Hz (V)
- sRGB
- Flicker-free
- Pixel Density: 119.68PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- EasyRead
- AMD FreeSync™ technology

## Connectivity

- Signal Input: DisplayPort x 1, HDMI x 2
- Sync Input: Separate Sync
- Audio (In/Out): PC audio-in, Headphone out

## 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)
- MultiView: PIP/PBP mode, 2x devices

## Stand

- Height adjustment: 100 mm
- Tilt: -5/20 degree

## Power

- Power supply: External, 100-240VAC, 50-60Hz
- Off mode: 0.3 W
- On mode: 26.09 W (typ.) (EnergyStar test method)
- Standby mode: 0.5 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Energy Label Class: F

## Dimensions

- Packaging in mm (WxHxD): 930 x 525 x 186 mm
- Product without stand (mm): 817 x 365 x 49 mm
- Product with stand(max height): 817 x 491 x 235 mm

## Weight

- Product with packaging (kg): 10.23 kg
- Product with stand (kg): 7.61 kg
- Product without stand (kg): 5.65 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: EnergyStar 8.0, TCO Certified, RoHS
- Recyclable packaging material: 100 %
- Specific Substances: Mercury free, PVC / BFR free housing

## Compliance and standards

- Regulatory Approvals: CB, TUV/ISO9241-307, TUV-BAUART, CU-EAC, EAEU RoHS, MEPS, PSB, BSMI, CE Mark

## Cabinet

- Color: Black
- Finish: Textured

## What's in the box?

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



Issue date 2024-03-14

Version: 7.0.1

EAN: 87 12581 76759 4

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\* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.  
\* The maximum resolution works for either HDMI input or DP input.  
\* Response time value equal to SmartResponse  
\* It's the maximum archivable figure.  
\* NTSC Area based on CIE1976  
\* sRGB Area based on CIE1931  
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\* The monitor may look different from feature images.