



UltraWide LCD monitor

- E Line
- 34" (86.36 cm)
- 3440 x 1440 (WQHD)

345E2LE/89

## Experience true color, unconstrained visuals

The Philips E line UltraWide display offers expansive panoramic visual. Features like CrystalClear WQHD display and ergonomic stand guarantee the optimal viewing conditions. Multiview technology ensures productivity.

### Benefits

#### Superb Picture Quality

- VA display delivers awesome images with wide viewing angles
- CrystalClear images with UltraWide QHD 3440 x 1440 pixels
- SmartContrast for rich black details

#### Good for Gaming

- 1ms (MPRT) fast response for crisp image and smooth gameplay
- SmartImage game mode optimized for gamers

#### Features designed for you

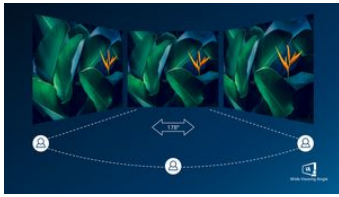
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity
- MultiView enables simultaneous dual connection and view
- Cable management reduces cable clutter for neat workspace
- Height-adjustable for better ergonomic comfort
- EasySelect menu toggle key for quick on-screen menu access

**PHILIPS**

## Monitor

### Features

#### 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.

#### UltraWide CrystalClear images



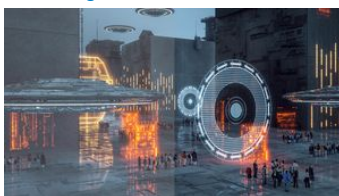
These Philips screens deliver CrystalClear, UltraWide Quad HD 3440 x 1440 pixel images. Utilizing high performance panels with high-density pixel count, 178/178 wide viewing angles, these new displays will make your images and graphics come alive. The UltraWide 21:9 format enables more productivity with 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.

#### 1ms MPRT fast response



MPRT (motion picture response time) is more intuitive way to describe the response time, which directly refers the duration from seeing blurry noise to clean and crisp images. Philips gaming monitor with 1 ms MPRT effectively eliminates smearing and motion blur, delivers sharper and precise visuals to enhance gaming experience. Best choice for playing thrilling and twitch-sensitive games.

#### 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



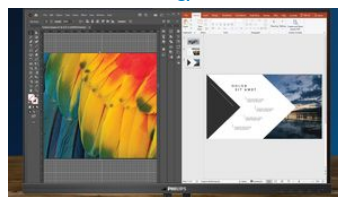
Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

#### 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.

#### 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.

#### Cable management



Cable management is an intimate design that maintains tidy workspace by organizing cables and wires required for the operation of a display device.

#### Height-adjustable Ergo Base



The height-adjustable Ergo Base is a 'people friendly' Philips monitor base that not only tilts, but is also height adjustable, so that each user can adjust the monitor to their personal preference for maximum viewing comfort and efficiency.

## Monitor

### EasySelect Menu Toggle Key



The discreetly placed EasySelect Menu Toggle Key allows you to make quick and easy adjustments to monitor settings in the On-Screen Display menu.

### 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.

## Specifications

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### Picture/Display

LCD panel type	VA LCD
Backlight type	W-LED system
Panel Size	34 inch / 86.36 cm
Display Screen	Anti-Glare, 3H, Haze 25%
Coating	
Effective viewing area	797.22 (H) x 333.72 (V) mm
Aspect ratio	21:9
Maximum resolution	3440 x 1440 @ 100 Hz*
Pixel Density	109.68 PPI
Response time (typical)	4 ms (Gray to Gray)*
MPRT	1 ms
Brightness	300 cd/m <sup>2</sup>
Contrast ratio (typical)	4000:1
SmartContrast	Mega Infinity DCR
Pixel pitch	0.23175 x 0.23175 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Flicker-free	Yes
Picture enhancement	SmartImage game
Color gamut (typical)	NTSC 100.05%*, sRGB 121.32%*
Display colors	16.7 M (8 bit)
Scanning Frequency	30 - 160 kHz (H) / 48 - 100 Hz (V)
LowBlue Mode	Yes
EasyRead	Yes
sRGB	Yes
Adaptive sync	Yes

	Polish
	Portuguese
	Russian
	Simplified Chinese
	Spanish
	Swedish
	Traditional Chinese
	Turkish
	Ukrainian
Other convenience	Kensington lock
	VESA mount (100x100mm)
Plug & Play Compatibility	DDC/CI
	Mac OS X
	sRGB
	Windows 11 / 10 / 8.1 / 8 / 7

### Stand

Height adjustment	100 mm
Tilt	-5/20 degree

### Power

On mode	45.5 W (typ.)
Standby mode	0.5 W (typ.)
Off mode	0.3 W (typ.)
Power LED indicator	Operation - White
	Standby mode- White (blinking)
Power supply	External
	100-240VAC, 50-60Hz

### Dimensions

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

### Weight

Product with stand (kg)	7.27 kg
Product without stand (kg)	5.29 kg
Product with packaging (kg)	10.37 kg

### Operating conditions

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

### Connectivity

Signal Input	HDMI 2.0 x 2, DisplayPort 1.2 x 1
HDCP	HDCP 1.4 (HDMI / DisplayPort), HDCP 2.2 (HDMI / DisplayPort)
Sync Input	Separate Sync
Audio (In/Out)	Audio out

### Convenience

MultiView	PIP/PBP mode
	2x devices
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

Monitor

Sustainability

Environmental and energy	RoHS
Recyclable packaging material	100 %
Specific Substances	Mercury free PVC / BFR free housing

Compliance and standards

Regulatory Approvals	CB CE Mark cETLus FCC Class B ICES-003 PSB
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Cabinet

Color Finish	Black Textured
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- \* The maximum resolution works for either HDMI input or DP input.
- \* For best output performance, please always ensure that your graphic card is capable of achieving the maximum resolution and refresh rate of this Philips display.
- \* Response time value equal to SmartResponse
- \* MPRT is to adjust brightness for blur reduction, so cannot adjust brightness while MPRT is turned on. To reduce motion blur, LED backlight will strobe synchronously with screen refresh, which may cause noticeable brightness change.
- \* MPRT is gaming-optimized mode. Turn on MPRT may cause noticeable screen flickering. It is recommended to turn off when you are not using the gaming function.
- \* NTSC Area based on CIE1976
- \* sRGB Area based on CIE1931
- \* The monitor may look different from feature images.



data subject to change  
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