Curved LCD monitor with Ultra Wide-Color

- E Line
- 32 (31.5" / 80 cm diag.)
- 2560 x 1440 (QHD)

325E1CW/89

Simply immersive

The 32" curved E line display offers a truly immersive experience in a stylish design. Crystal-clear QHD with Ultra wide-color and AMD FreeSync technology brings your images alive!

Benefits

Curved design inspired by the world around us
- Curved display design for more immersive experience

Superb Picture Quality
- Ultra Wide-Color wider range of colors for a vivid picture
- VA display delivers awesome images with wide viewing angles
- Crystalclear images with Quad HD 2560 x 1440 pixels
- Effortlessly smooth gameplay with AMD FreeSync™ technology
- SmartContrast for rich black details
- SmartImage game mode optimized for gamers

Features designed for you
- Cable management reduces cable clutter for neat workspace
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity
- HDMI ensures universal digital connectivity
- DisplayPort connection for maximum visuals

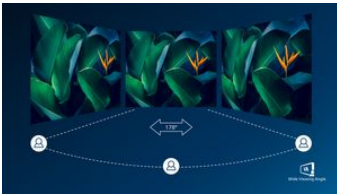## PHILIPS

Features

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.

Crystalclear images

These Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilizing high performance panels with high density pixel count, enabled by high bandwidth sources like USB-C, Displayport, HDMI, these new displays will make your images and graphics come alive. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, using 3D graphic applications or a financial wizard working on huge spreadsheets, Philips displays will give you Crystalclear images.

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.

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.

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.

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.

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.

HDMI Ready

An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. A HDMI cable enables high-quality digital video and audio all transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).

DisplayPort connection

DisplayPort is a digital link from PC to Monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15meter cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates - making DisplayPort the best choice for not only general office or home use, but also for the demanding gaming and movies, video editing and more. It also keeps interoperability in mind via use of various adapters.

Specifications

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Picture/Display

AMD FreeSync™ technology	Yes
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 392.3 (V) mm - at a 1500R curvature*
Aspect ratio	16:9
Maximum resolution	2560 x 1440 @ 75 Hz*
Pixel Density	93 PPI
Response time (typical)	4 ms (Gray to Gray)*
Brightness	250 cd/m²
Contrast ratio (typical)	3000:1
SmartContrast	Mega Infinity DCR
Pixel pitch	0.272 x 0.272 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Flicker-free	Yes
Picture enhancement	SmartImage game
Color gamut (typical)	NTSC 102%*, sRGB 123%*
Display colors	16.7 M
Scanning Frequency	70 - 115 kHz (H) / 48 - 75 Hz (V)
LowBlue Mode	Yes
sRGB	Yes

Connectivity

Signal Input	VGA (Analog) HDMI 1.4 DisplayPort 1.2
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	Audio out

Convenience

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
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 10 / 8.1 / 8 / 7

Stand

Tilt	-5/20 degree

Power

On mode	47.3 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	Internal 100-240VAC, 50-60Hz

Dimensions

Product with stand (mm)	709 x 523 x 281 mm
Product without stand (mm)	709 x 425 x 88 mm
Packaging in mm (WxHxD)	800 x 625 x 236 mm

Weight

Product with stand (kg)	7.34 kg
Product without stand (kg)	6.52 kg
Product with packaging (kg)	10.25 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)

Sustainability

Environmental and energy	RoHS Mercury Free
Recyclable packaging material	100 %

Compliance and standards

Regulatory Approvals	CCC CECP CEL CB CE Mark cETLus

Cabinet

Color	White
Finish	Textured

* 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.

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