



Curved LCD monitor with Ultra Wide-Color

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

328E9FJAB/00

## Stunning color, ultimate immersion

with Crystal-clear details

Experience real immersion with Philips Curved Monitors. The 32" curved E line monitor offers a truly immersive experience with stunning crystal-clear QHD image quality. Ultra wide-color gives color quality that 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

Features designed for you

- Narrow border display for a seamless appearance
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity
- Built-in stereo speakers for multimedia
- 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. Its optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images.

### Crystalclear images

These latest 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 Displayport, HDMI, Dual link DVI, 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.

### UltraNarrow Border



The new Philips displays feature ultra-narrow borders which allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setup like gaming, graphic design and professional applications, the ultra-narrow border display gives you the feeling of using one large display.

### 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.

### Built-in stereo speakers

A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

### 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

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

LCD panel type	VA LCD
Backlight type	W-LED system
Panel Size	31.5 inch / 80 cm
Display Screen	Anti-Glare, Haze 25%
Coating	
Effective viewing area	697.3 (H) x 392.3 (V) - at a 1800R curvature*
Aspect ratio	16:9
Maximum resolution	2560 x 1440 @ 75 Hz*
Pixel Density	93 PPI
Response time (typical)	5 ms (Gray to Gray)*
Brightness	250 cd/m <sup>2</sup>
Contrast ratio (typical)	3000:1
SmartContrast	20,000,000:1
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 122.6%*
Display colors	16.7 M
Scanning Frequency	70 - 115 kHz (H) / 48 - 75 Hz (V)
LowBlue Mode	Yes
FreeSync	Yes
sRGB	Yes

### Connectivity

Signal Input	VGA (Analog ) DisplayPort HDMI (digital, HDCP)
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	PC audio-in Headphone out

### Convenience

Built-in Speakers	3 W x 2
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

Other convenience	Swedish Traditional Chinese Turkish Ukrainian 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
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### Power

On mode	60.35 W (typ.)
Standby mode	< 0.5 W (typ.)
Off mode	< 0.3 W (typ.)
Energy Label Class	C
Power LED indicator	Operation - White Standby mode- White (blinking)
Power supply	Internal 100-240VAC, 50-60Hz

### Dimensions

Product with stand (mm)	713 x 525 x 236 mm
Product without stand (mm)	713 x 425 x 52 mm
Packaging in mm (WxHxD)	827 x 626 x 233 mm

### Weight

Product with stand (kg)	6.78 kg
Product without stand (kg)	6.40 kg
Product with packaging (kg)	10.45 kg

### Operating conditions

Temperature range (operation)	0°C to 40°C °C
Temperature range (storage)	-20°C to 60°C °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 Lead-free Mercury Free WEEE
Recyclable packaging material	100 %

## Compliance and standards

Regulatory Approvals	CE Mark FCC Class B CU-EAC TUV/ISO9241-307 RCM BSMI PSB MEPS CB cETLus
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## Cabinet

Color	Black / Silver
Finish	Glossy

## What's in the box?

Monitor with stand	Yes
Cables	HDMI cable, Power cable
User Documentation	Yes

\* 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 CIE 1931

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\* The monitor may look different from feature images.



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