



Curved LCD monitor with Ultra Wide-Color

- E Line
- 24 (23.6"/59.9 cm diag.)
- Full HD (1920 x 1080)

248E9QHSB/70

Stunning colour, ultimate immersion

Experience real immersion with Philips Curved monitors. The 24" curved E line monitor offers a truly immersive experience with stunning Full HD image quality. Ultra Wide-Color tech gives colour quality that brings your images to life!

Benefits

Curved design inspired by the world around us

- Curved display design for a more immersive experience

Superb Picture Quality

- Ultra Wide-Color wider range of colours for a vivid picture
- VA display delivers awesome images with wide viewing angles
- 16:9 Full HD display for crisp, detailed images
- 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
- HDMI ensures universal digital connectivity

Greener every day

- Eco-friendly materials meet major international standards
- Low power consumption saves energy bills

PHILIPS

Features

Curved display design



Desktop monitors offer a personal user experience, which suits a curved design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the centre of your desk.

Ultra Wide-Color Technology



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

VA display



Philips' VA LED display uses an advanced multi-domain vertical alignment technology that 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, films, gaming and demanding graphical applications. Its optimised pixel management technology gives you a 178/178-degree extra-wide viewing angle, resulting in crisp images.

16:9 Full HD display



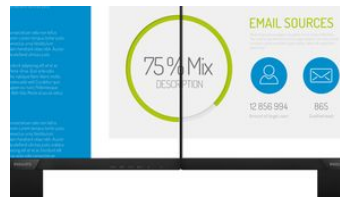
Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colours, expect a true-to-life picture.

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, artefact-free performance at virtually any frame rate with AMD FreeSync™ technology, smooth, quick refresh and ultra-fast response time.

Ultra-narrow 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 setups 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, the 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. An HDMI cable enables high-quality digital video and audio to be 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).

Eco-friendly materials

"Philips is committed to using sustainable, eco-friendly materials across its monitor range. All body plastic parts, metal chassis parts and packing materials use 100% recyclable materials. In some selected models, we use up to 65% post-consumer recycled plastics. Strict adherence to RoHS standards ensures a substantial reduction or elimination of toxic substances like lead, for example. Mercury content in monitors with a CCFL backlight has been reduced significantly, and has been eliminated completely in monitors with an LED backlight.

Low power consumption

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

LCD panel type	VA LCD
Backlight type	W-LED system
Panel Size	23.6 inch/59.9 cm
Display Screen	Anti-Glare, 3H, Haze 25%
Coating	
Effective viewing area	521.4 (H) x 293.3 (V) - at a 1500R curvature*
Aspect ratio	16:9
Maximum resolution	1920 x 1080 @ 75 Hz*
Response time (typical)	4 ms (Grey to grey)*
Pixel Density	93 PPI
Brightness	250 cd/m ²
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
Colour gamut (typical)	NTSC 102%*, sRGB 121%*
Display colours	16.7 M
Scanning Frequency	30–83 kHz (H)/50–76 Hz (V)
sRGB	Yes
FreeSync	Yes
LowBlue Mode	Yes

Connectivity

Signal Input	VGA (Analogue) HDMI 1.4 x 1
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	HDMI 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
Kensington lock
VESA mount (100 x 100 mm)
DDC/CI
Mac OS X
sRGB
Windows 10 / 8.1 / 8 / 7

Other convenience

Plug and Play Compatibility

Stand

Tilt	-5/20 degree
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Power

On mode	31.30 W (typ.)
Standby mode	< 0.5 W (typ.)
Off mode	< 0.3 W (typ.)
Power LED indicator	Operation - White Standby mode - White (flashing)
Power supply	External 100-240 VAC, 50-60 Hz

Dimensions

Product with stand (mm)	537 x 412 x 190 mm
Product without stand (mm)	537 x 325 x 37 mm
Packaging in mm (W x H x D)	601 x 481 x 175 mm

Weight

Product with stand (kg)	3.07 kg
Product without stand (kg)	2.80 kg
Product with packaging (kg)	4.87 kg

Operating conditions

Temperature range (operation)	0 to 40 °C
Temperature range (storage)	-20 to 60 °C
Relative humidity	20%–80% %
Altitude	Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
MTBF	50,000 hrs (excluding backlight) hour(s)

Sustainability

Environmental and energy	RoHS Lead-free Mercury Free WEEE
Recyclable packaging material	100 %

RCM
CCC
CECP
BSMI
CB
CEL

Compliance and standards

Regulatory Approvals	CE Mark FCC Class B CU-EAC TUV/ISO9241-307
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Cabinet

Colour Finish	Black / Silver Glossy
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- * Radius of the arc of the display curvature in mm
- * The maximum resolution works for HDMI input only.
- * Response time value equal to SmartResponse
- * NTSC Area based on CIE 1976
- * sRGB Area based on CIE 1931
- * 2015 Advanced Micro Devices, Inc. All rights reserved. AMD, the AMD Arrow logo, FreeSync and combinations thereof are trademarks of Advanced Micro Devices, Inc. Other names are for informational purposes only and may be trademarks of their respective owners.
- * The monitor may look different from feature images.



data subject to change
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