QHD LCD monitor

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

325E8SW/89

Brilliant colors, crisp images

in an elegant design

This Philips 32" monitor boasts Quad HD picture quality for superb detail. With an expansive crystal-clear QHD wide viewing angle display, see the big picture with all the details.

Benefits

Superb Picture Quality
- Crystalclear images with Quad HD 2560 x 1440 pixels
- 1.07 billion colors for stunning color and finest gradations
- Effortlessly smooth gameplay with AMD FreeSync™ technology
- SmartImage game mode optimized for gamers
- IPS LED wide view technology for image and color accuracy
- LowBlue Mode for easy on-the-eyes productivity
- Less eye fatigue with Flicker-free technology

Features designed for you

- HDMI-ready for Full HD entertainment
- DisplayPort connection for maximum visuals

Greener everyday
- Eco-friendly materials meet major international standards
- Low power consumption saves energy bills
- Mercury Free eco-friendly display

PHILIPS

Features

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.

1.07 billion colors

This display delivers outstanding color depth with 1.07 billion colors, and the finest gradation, for re-creating smooth, precise, and vivid image. Enjoy accurate and true-to-life visuals whether gaming, watching videos, or working on color critical work with graphics applications.
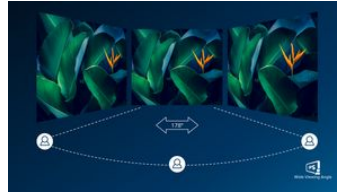
Ultra-smooth gaming

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.

IPS technology

IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

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.

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.

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.

Eco-friendly materials

"Philips is committed to use 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 utilize upto 65% post consumer recycled plastics. Strict adherence to RoHS standards ensure substantial reduction or elimination of toxic substances like Lead, for example. Mercury content in monitors with CCFL backlight has been reduced significantly, while eliminated in monitors with LED backlight completely.

Specifications

Picture/Display

LCD panel type	IPS technology
Backlight type	W-LED system
Panel Size	31.5 inch / 80 cm
Display Screen Coating	Anti-Glare, 3H, Haze 25%
Effective viewing area	698.11 (H) x 392.69 (V)
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/m²
Contrast ratio (typical)	1200:1
SmartContrast	20,000,000:1
Pixel pitch	0.2727 x 0.2727 mm
Viewing angle	178° (H) / 178° (V) @ C/R > 10
Flicker-free	Yes
Picture enhancement	SmartImage game
Display colors	Color support 1.07 billion colors
Scanning Frequency	30 - 114 kHz (H) / 48 - 75 Hz (V)
sRGB	Yes
LowBlue Mode	Yes
AMD FreeSync™ technology	Yes

Connectivity

Signal Input	VGA (Analog) DVI-D (digital, HDCP) DisplayPort x 1 HDMI (digital, HDCP)
Sync Input	Separate Sync Sync on Green
Audio (In/Out)	Audio out

Convenience

User convenience	Power On/Off Menu Volume Input SmartImage Game
Control software	SmartControl
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
Plug & Play Compatibility	DDC/CI Mac OS X sRGB Windows 10 / 8.1 / 8 / 7

Stand

Tilt	-5/20 degree

Power

On mode	51 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	Built-in 100-240VAC, 50-60Hz

Dimensions

Product with stand (mm)	731 x 529 x 255 mm
Product without stand (mm)	731 x 434 x 54 mm
Packaging in mm (WxHxD)	815 x 615 x 224 mm

Weight

Product with stand (kg)	7.03 kg
Product without stand (kg)	6.45 kg
Product with packaging (kg)	9.83 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 (excluding backlight) hour(s)

Sustainability

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

Compliance and standards

Regulatory Approvals	CB cETLus CE Mark

Cabinet

Color	White & Silver
Finish	Glossy

* "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
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* The monitor may look different from feature images.