**Philips Brilliance
LCD monitor with
Ambiglow**

Gioco
27" (68.6 cm)
Ambiglow display

Brilliance

278C4QHSN

Brilliant Ambiglow display

for immersive entertainment

Intensify your viewing experience with this iconic Philips Gioco display with Ambiglow. By creating an image-matching halo of light on the rear wall, the innovative Ambiglow visually enlarges the screen, giving you truly immersive entertainment

Brilliant Ambiglow performance
- Ambiglow intensifies entertainment with a halo of light
- Smart Bias 6500K lighting ensures optimum viewing experience
- AH-IPS display for brilliant images with vivid colours
- Adjust ambience to your liking and reduce eye fatigue

Easy to experience
- SmartImage: Optimised user-friendly display experience
- SmartTxt for an optimised reading experience
- SmartKolor for rich vibrant images
- HDMI ensures universal digital connectivity

Iconic design reflects your lifestyle
- Minimalistic looks with Ultra-Narrow Bezel
- Iconic design with diamond-faceted back
- Superb dark bronze glossy finish

PHILIPS

Highlights

Ambiglow

Ambiglow adds a new dimension to your viewing experience. The innovative Ambiglow technology enlarges the screen by creating a halo of light on the surrounding wall from the rear of the monitor. Its fast processor analyses the incoming image content and continuously adapts the colour and brightness of the emitted light to match the image. User-friendly options allow you to adjust the ambience to your liking and also help reduce eye fatigue. Especially suitable for watching movies or sport or playing 2D or 3D games, Philips Ambiglow offers you a unique and immersive viewing experience.

Smart Bias light

Smart Bias lighting mode enables you to enjoy optimum image quality with viewing comfort. In a dark room, your eyes dilate and constrict with the constantly changing images, which may lead to Computer Vision Syndrome. Smart Bias light creates a soft halo of static 6500k white light on the surrounding wall around the monitor. Especially suitable for people who spend extended periods of time looking at their display, it not only helps reduce eye strain and fatigue, but also eliminates reflections and glare from room lighting, enhancing perceived contrast ratio and picture details and preserving correct colour perception

AH-IPS technology

This latest Philips display uses advanced AH-IPS panels, resulting in superior colour reproduction, response time and power consumption. Unlike standard TN panels, AH-IPS panels show consistent colour even at 178-degree wide angles and in pivot mode. With remarkable performance, AH-IPS is best suited for applications demanding colour accuracy and consistent brightness at all times, such as photo retouching, graphics applications and web browsing.

Ultra-Narrow Bezel

Utilising the latest technology panels, the new Philips displays are designed with a minimalistic approach by limiting the outer bezel thickness to about 2.5 mm. Combined with an in-panel black matrix strip of around 9 mm, the overall bezel dimensions are reduced significantly, minimising distractions and maximising viewing size. Especially suited to multi-display or tiling setups like gaming, graphics design and professional applications, the Ultra-narrow bezel display gives you the feeling of using one large display.
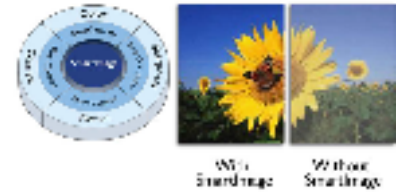
HDMI Ready

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).

SmartImage

SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and gives you optimised display performance. This user-friendly interface allows you to select various modes like Office, Image, Entertainment, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimises the contrast, colour saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

iF Product Design Award
Philips Gioco wins iF design award
Excellent product design. The iconic-design, slim Philips Gioco 3D monitor with Ambiglow technology gives you immersive gaming. Its minimalistic ultra-narrow bezel with AHIPS screen ensures brilliant images and underpins its tag line "Brilliant Ambiglow display"

Specifications

Ambiglow

- Ambiglow features: Auto (on) Variable brightness control, Smart Bias Light

Picture/Display

- LCD panel type: IPS LCD
- Backlight type: W-LED system
- Panel Size: 27 inch/68.6 cm
- Effective viewing area: 597.89 (H) x 336.31 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- SmartResponse (typical): 5 ms (Grey to Grey)
- Brightness: 250 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.311 x 0.311 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colours: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H)/56 -75 Hz (V)
- sRGB

Connectivity

- Signal Input: VGA (Analogue), HDMI x 3
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): HDMI audio out

Convenience

- User convenience: Ambiglow, SmartImage, Menu, Power On/Off, Input
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8/7/Vista

Stand

- Tilt: -5/20 degree

Power

- On mode: 28.2 W (typ.) (EnergyStar 5.0 test method)
- Standby mode: 0.4 W
- Off mode: 0.3 W
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: External, 100-240 VAC, 50-60 Hz

Dimensions

- Product with stand (mm): 623 x 471 x 197 mm
- Product without stand (mm): 623 x 376 x 44 mm
- Packaging in mm (W x H x D): 668 x 527 x 100 mm

Weight

- Product with stand (kg): 5.44 kg
- Product without stand (kg): 5.00 kg
- Product with packaging (kg): 8.84 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: 30,000 hour(s)

Sustainability

- Environmental and energy: EPEAT Silver, RoHS, EnergyStar 5.0, Lead-free, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SASO, SEMKO, TCO 5.2, TUV/ISO9241-307, UL/cUL, WEEE

Cabinet

- Front bezel: Dark Bronze
- Rear cover: Dark Bronze
- Foot: Dark Bronze
- Finish: Glossy

* Avoid looking directly at the Ambiglow LEDs as they are very bright and may cause temporary blurred vision.