**Philips Brilliance
LCD monitor with
Ambiglow**

Gioco
27" (68.6 cm)
Ambiglow display

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

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

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

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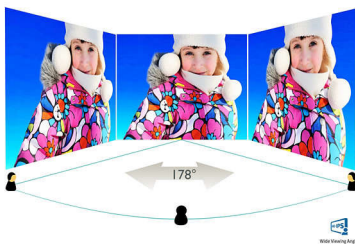
PHILIPS

Highlights

Ambiglow

Ambiglow adds a new dimension to your viewing experience. The innovative Ambiglow technology enhances the content on the screen by creating a halo of light from 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. Especially suited for watching movies, sports or playing 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

178°

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.
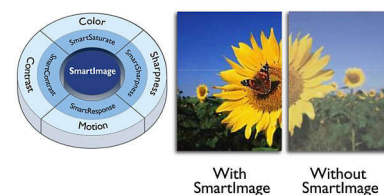
Ultra-Narrow Bezel

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

HDMI

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

With SmartImage | Without 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!
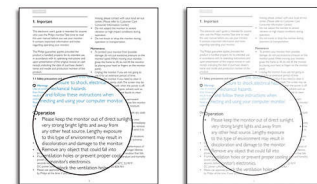
SmartKolor

SmartKolor On | SmartKolor Off

SmartKolor is a sophisticated colour extension technology that is able to enhance the visual colour range of the display. By boosting the RGB gain level of the display, you can achieve rich, vibrant images to experience outstanding photos and videos.

SmartTxt

SmartTxt On | SmartTxt Off

SmartTxt is a sophisticated algorithm that enhances reading of text-based applications such as PDF documents and eBooks, which usually requires more focus and concentration. The SmartTxt feature increases the contrast and boundary sharpness of text content for better readability. Optimisation for reading is achieved by adjusting the display's grey level scale along with white balance, brightness and contrast.

Diamond-faceted back design

Iconic design with diamond-faceted back

Dark bronze glossy finish

Superb dark bronze glossy finish

Adjust ambience

Adjust ambience to your liking and reduce eye fatigue

Specifications

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

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

Picture/Display
- Panel Size: 27 inch/68.6 cm
- Aspect ratio: 16:9
- LCD panel type: IPS LCD
- Backlight type: W-LED system
- Pixel pitch: 0.311 x 0.311 mm (0.012" x 0.012")
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 250 cd/m²
- Display colours: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 597.89 (H) x 336.31 (V)
- Scanning Frequency: 30 - 83 kHz (H)/56 -75 Hz (V)
- sRGB
- SmartResponse (typical): 5 ms (Grey to Grey)

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

Stand
- Tilt: -5/20 degree

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

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

Weight
- Product with packaging (kg): 8.84 kg
- Product with stand (kg): 5.44 kg
- Product without stand (kg): 5.00 kg

Operating conditions
- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- Temperature range (operation): 0 to 40 °C
- MTBF: 30,000 hour(s)
- Relative humidity: 20%–80% %
- Temperature range (storage): -20 to 60 °C

Sustainability
- Environmental and energy: RoHS, EnergyStar 5.0, Mercury Free
- Recyclable packaging material: 100 %

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

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

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