



Philips Brilliance  
LCD monitor with  
Ambiglow

**Gioco**  
27" / 68.6cm  
Ambiglow display

**Brilliance**



**278C4QHSN**

## Brilliant Ambiglow display for immersive entertainment

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

### Brilliant Ambiglow performance

- Ambiglow intensifies entertainment with halo of light
- Smart Bias 6500K lighting ensures optimum viewing experience
- AH-IPS LED gives brilliant images with vivid colors
- Adjust ambiance to your liking and reduce eye fatigue

### Easy to experience

- SmartImage: Optimized user-friendly display experience
- SmartTxt for a optimized 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 color and brightness of the emitted light to match the image. User friendly options allow you to adjust the ambiance to your liking and also help reduce eye fatigue. Especially suited for watching movies, sports 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 suited for people who spend extended time on their display, it not only helps reduce eye strain and fatigue, but also eliminates reflections and glares from room lighting enhancing perceived contrast ratio and picture details, preserving correct color perception

## AH-IPS technology



This latest Philips display uses advanced AH-IPS panels utilizing improved structure resulting in superior color reproduction, response time and power consumption compared to other wide view angle panels. Unlike standard TN panels, AH-IPS panels exhibit least amount of Gamma fluctuation and therefore are able to show consistent color even at 178/178 degrees and in pivot mode. With remarkable performance, it is best suited for applications demanding color accuracy and consistent brightness at all times like photo retouching, graphics applications and web browsing.

## Ultra Narrow Bezel

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

## HDMI Ready



A HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input, high quality digital video and audio signals all transmitted over a single cable from a PC or any number of AV sources including set-top boxes, DVD players and A/V receivers and video cameras.

## 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 (Gray to Gray)
- Brightness: 250 cd/m<sup>2</sup>
- 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 colors: 16.7 M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 75 Hz (V)
- sRGB

## Connectivity

- Signal Input: VGA (Analog), 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 & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8/7/Vista

## Stand

- Tilt: -5/20 degree

## Power

- On mode: 28.2W (typ.) (EnergyStar 5.0 test method)
- Standby mode: 0.4W
- Off mode: 0.3W

- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: External, 100-240VAC, 50-60Hz

## Dimensions

- Product with stand (mm): 623 x 471 x 197 mm
- Product with stand in inch: 24.5 x 18.5 x 7.8 inch
- Product without stand (mm): 623 x 376 x 44 mm
- Product without stand in inch: 24.5 x 14.8 x 1.7 inch
- Packaging in mm (WxHxD): 668 x 527 x 100 mm
- Packaging in inch (WxHxD): 26.3 x 20.7 x 3.9 inch

## Weight

- Product with stand (kg): 5.44 kg
- Product with stand (lb): 11.97 lb
- Product without stand (kg): 5.00 kg
- Product without stand (lb): 11.00 lb
- Product with packaging (kg): 8.84 kg
- Product with packaging (lb): 19.45 lb

## Operating conditions

- Temperature range (operation): 0 to 40 °C
- Temperature range (storage): -20 to 60 °C
- Relative humidity: 20%-80 %
- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- 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



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\* Avoid looking directly at the Ambiglow LED's as they are very bright,  
and may cause temporary blurred vision.