



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 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 display for 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



product
design award

2013

PHILIPS

Highlights

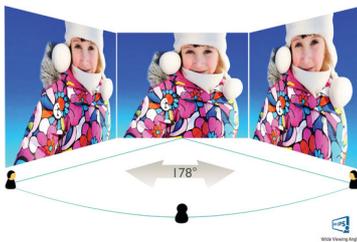
Ambiglow

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 color 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 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 resulting in superior color reproduction, response time and power consumption. Unlike standard TN panels, AH-IPS panels show consistent color even at 178 degrees wide angles and in pivot mode. With remarkable performance, AH-IPS 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.

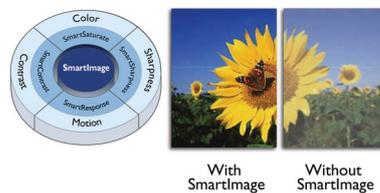
HDMI Ready



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).

SmartImage



SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized 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 optimizes the contrast, color 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 color extension technology that is able to enhance visual color range of the display. By boosting RGB gain level of the display, this feature enables you to have rich, vibrant images for experiencing outstanding photos and videos.



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/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 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 without stand (mm): 623 x 376 x 44 mm
- Packaging in mm (WxHxD): 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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- MTBF: 30,000 hour(s)

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

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



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Version: 5.0.1

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