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 a image-matching halo of light on 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 ambiance to your liking and reduce eye fatigue
- AH-IPS display for brilliant images with vivid colors
- Ambiglow intensifies entertainment with halo of light
- Smart Bias 6500K lighting ensures optimum viewing experience

Easy to experience
- HDMI ensures universal digital connectivity
- SmartImage: Optimized user-friendly display experience
- SmartKolor for rich vibrant images
- SmartTxt for a optimized reading experience
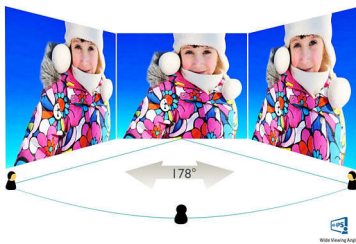
PHILIPS

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 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.
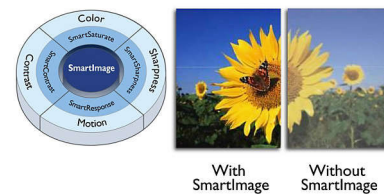
Ultra Narrow Bezel

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

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

With SmartImage   Without 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
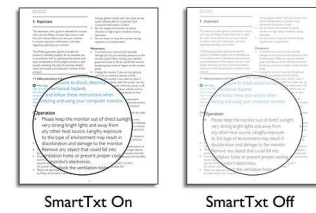
images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

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.

SmartTxt

SmartTxt On   SmartTxt Off

SmartTxt is a sophisticated algorithm that enhances reading of text based application such as PDF documents or ebooks which usually requires more focus and concentration. SmartTxt feature increases the contrast and boundary sharpness of text content for better readability. Optimization for reading is done by adjusting the display's gray 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 ambiance
Adjust ambiance to your liking and reduce eye fatigue

Specifications

Connectivity
- Signal Input: VGA (Analog), 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
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 250 cd/m²
- Display colors: 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 (Gray to Gray)

Convenience
- Plug & 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, 100-240VAC, 50-60Hz

- Off mode: 0.3W
- On mode: 28.2W (typ.) (EnergyStar 5.0 test method)
- Standby mode: 0.4W
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions
- Product with stand (mm): 623 x 471 x 197 mm
- Packaging in mm (WxHxD): 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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- 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

PHILIPS