Philips Brilliance
LCD monitor with
Ambiglow

Gioco
27" (68.6 cm)

278C5QHGSN

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
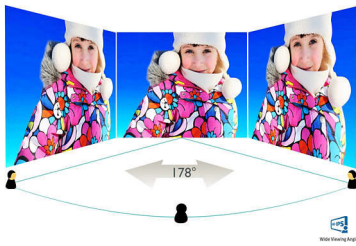- Smart Bias 6500K lighting ensures optimum viewing experience

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
- MHL technology for enjoying mobile content on big screen

PHILIPS

Highlights

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.

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.
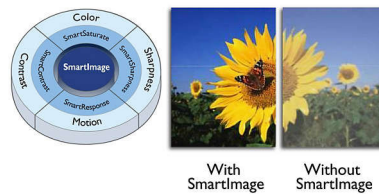
Smart Bias light

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

Adjust ambiance

Adjust ambiance to your liking and reduce eye fatigue

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!
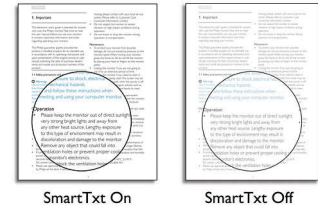
SmartKolor

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.

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).

AH-IPS Wide Viewing Angle · ambiglow · SmartImage · SmartKolor · SmartTxt · HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE · MHL Mobile High-Definition Link · Ultra Narrow Bezel · Flicker-free

Specifications

Connectivity
- Signal Input: VGA (Analog), HDMI x 2, MHL-HDMI (digital, HDCP)
- USB: USB 3.0 x 4
- 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: AH-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
- Response time (typical): 14 ms
- 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)
- MHL

Convenience
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8
- User convenience: Ambiglow, Menu, Power On/Off, Input, SmartImage
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock

Stand
- Tilt: -5/20 degree

Power
- Power supply: External, 100-240VAC, 50-60Hz
- Off mode: 0.3 W (typ.)
- On mode: 21.44 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: 0.5 W (typ.)
- 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): 7.14 kg
- Product with stand (kg): 5.04 kg
- Product without stand (kg): 4.60 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: EnergyStar 6.0, RoHS, Mercury Free
- Recyclable packaging material: 100 %

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

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

* This Philips display is MHL certified. However, in case your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for direction. The policy of your device manufacturer may require you to purchase their brand specific MHL cable or adapter in order to work
* Requires optional MHL certified mobile device and MHL cable. (not included) Please check with your MHL device vendor for compatibility.
* Standby/Off energy saving of ErP is not applicable for the MHL charging functionality
* Smart response time is the optimum value from either GtG or GtG (BW) tests.