



Philips Brilliance
LCD monitor with
Ambiglow

- Gioco
- 27" / 68.6cm
- 3D Ambiglow display

Brilliance



278G4DHSD

Brilliant Ambiglow display

for immersive 3D gaming

Intensify your gaming with this iconic Philips Gioco 3D display with Ambiglow. By creating an image-matching halo of light on rear wall, the innovative Ambiglow visually enlarges the screen and gives you a truly immersive 3D experience

Brilliant Ambiglow performance

- Ambiglow intensifies your 3D experience 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
- USB 3.0 enables fast data transfers and smart phone charging
- Fast-charge your mobile device

Immersive 3D gaming

- Flicker free 3D performance
- Play 3D games on your PC with bundled software
- Auto 3D with latest Blu-ray and game consoles with HDMI
- SmartImage game mode optimized for gamers

Iconic design reflects your lifestyle

- Minimalistic looks with Ultra Narrow Bezel
- Iconic design with diamond faceted back



product
design award

2013

PHILIPS

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
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60Hz
- Response time (typical): 14 ms
- SmartResponse: 7 ms in 2D mode
- 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
- 3D Viewing angle: 60° @ 3D CT < 10
- Picture enhancement: SmartImage game
- Display colors: 16.7 M
- Effective viewing area: 597.9 (H) x 336.3 (V) mm
- Scanning Frequency: 30 - 83 kHz (H) / 50 - 75 Hz (V)
- sRGB

Connectivity

- USB: USB 3.0 x 4
- Signal Input: HDMI x 3, VGA (Analog)
- Sync Input: Separate Sync, Sync on Green
- Audio In/Out: HDMI audio out

Convenience

- User convenience: 3D/Up, Ambiglow/Down, SmartImage game/Back, Menu/OK, Power On/Off
- 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 7

Stand

- Tilt: -5/+20 degree

Power

- On mode: 25.94 W (typ.) (energyStar 5.0 test

method)

- Standby mode: 0.5 W (typ.)
- Off mode: 0.3 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: 100-240VAC, 50-60Hz, External

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): 685 x 527 x 142 mm

Weight

- Product with stand (kg): 5.44 kg
- Product without stand (kg): 5.00 kg
- Product with packaging (kg): 9.25 kg

Operating conditions

- Temperature range (operation): 0°C to 40°C °C
- Temperature range (storage): -20°C to 60°C °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, EnergyStar 5.0, RoHS, Lead-free, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards

- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SEMKO, TCO certified, TUV/ISO9241-307, UL/cUL, WEEE

Cabinet

- Color: Black Cherry
- Finish: Glossy

3D Requirements

- Software: Free Tridef 3D software bundle
- PC hardware: Requires AMD/nVidia VGA card*, 2D to 3D: Support all VGA card
- Auto 3D: Requires HDMI 1.4a



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

* If you experience any discomfort such as dizziness, headache or disorientation, we recommend not watching 3D for extended periods of time.

* Parents should monitor their children during 3D viewing and ensure they do not experience any discomfort as mentioned above. Watching 3D is not recommended for children under 6 years of age.

* Please carefully read the instruction manual to learn more about 3D and health

* For VGA card and other requirements for 3D operation, please visit www.philips.com/support for further details.