Philips Gaming Monitor
Full HD LCD display with
Ambiglow

Momentum
35 (34.6" / 87.9 diag.)
1920 x 1080 (Full HD)

356M6QJAB

Get in the moment

The large 35'' Momentum display with immersive Ambiglow lighting gets you in the moment. Crafted with premium materials, Momentum adds a sophisticated look to your space.

Built for fast action
- Effortlessly smooth gameplay with AMD FreeSync™ technology
- SmartImage game mode optimized for gamers

Superb Picture Quality
- 16:9 Full HD display for crisp detailed images
- IPS LED wide view technology for image and color accuracy

Design to enhance the senses
- Crafted with premium materials for a sophisticated look
- Ambiglow intensifies entertainment with halo of light

Get comfortable
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity

PHILIPS

Highlights

Ambiglow Technology

Ambiglow adds a new dimension to your viewing experience. The innovative Ambiglow technology enlarges the screen by creating an immersive halo of light. 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. Especially suited for watching movies, sports or playing games, Philips Ambiglow offers you a unique and immersive viewing experience.

Crafted with premium materials

Crafted with premium materials for a sophisticated look
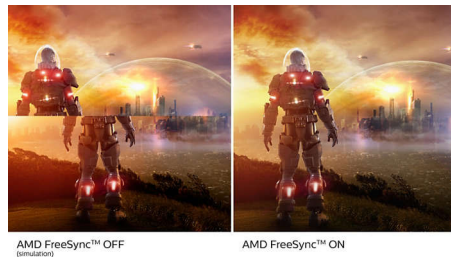
IPS technology

IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

16:9 Full HD display

Picture quality matters. Regular displays deliver quality, but you expect more. This display features enhanced Full HD 1920 x 1080 resolution. With Full HD for crisp detail paired with high brightness, incredible contrast and realistic colors expect a true to life picture.

Ultra-smooth gaming

AMD FreeSync™ OFF (simulation)   AMD FreeSync™ ON

Gaming shouldn't be a choice between choppy gameplay or broken frames. With the new Philips monitor it doesn't have to be. Get fluid, artifact-free performance at virtually any framerate with AMD FreeSync™ technology, smooth quick refresh and ultra-fast response time.
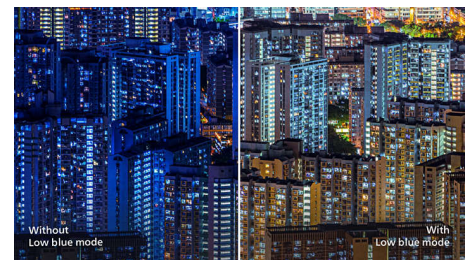
SmartImage Game mode

The new Philips gaming display has quick access OSD fine tuned for gamers, offering you

multiple options. "FPS" mode (First person shooting) improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode adapts display with fastest response time, high color, along with image adjustments. "RTS" mode (Real time strategy) has a special SmartFrame mode which enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customized settings based on different games, ensuring best performance.

LowBlue Mode

Without Low blue mode   With Low blue mode

Studies have shown that just as ultra-violet rays can cause eye damage, shortwave length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

Flicker-free technology

Flicker-free

Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

Specifications

Connectivity
- Signal Input: VGA (Analog), DisplayPort 1.2, HDMI 1.4 x 2
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Picture/Display
- Panel Size: 34.6 inch / 87.9 cm
- Aspect ratio: 16:9
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Pixel pitch: 0.388 x 0.388 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 250 cd/m²
- Display colors: 16.7 M
- Color gamut (typical): NTSC 87%*, sRGB 102%*
- Contrast ratio (typical): 1000:1
- SmartContrast: 50,000,000:1
- Response time (typical): 5 ms (Gray to Gray)*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 772.53 (H) x 418.85 (V)
- Scanning Frequency: 30 - 83 kHz (H) / 50 - 76 Hz (V)
- sRGB
- Flicker-free
- Pixel Density: 64 PPI
- LowBlue Mode
- AMD FreeSync™ technology

Convenience
- Built-in Speakers: 5 W x 2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: Menu/OK, Input/Up, SmartImage Game/Return, Volume/Down, Power On/Off
- 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: Ambiglow, Kensington lock, VESA mount (100x100mm)
- Control software: SmartControl

Stand
- Tilt: -5/10 degree

Power
- Power supply: Internal, 100-240VAC, 50-60Hz
- Off mode: 0.3 W (typ.)
- On mode: 27.01 W (EnergyStar 7.0 test method)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

Dimensions
- Product with stand (mm): 793 x 538 x 242 mm
- Packaging in mm (WxHxD): 889 x 664 x 298 mm
- Product without stand (mm): 793 x 452 x 53 mm

Weight
- Product with packaging (kg): 11.22 kg
- Product with stand (kg): 7.50 kg
- Product without stand (kg): 7.08 kg

Operating conditions
- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- Temperature range (operation): 0 to 40 °C
- MTBF: 50,000 hrs (excluding backlight) hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20 to 60 °C

Sustainability
- Environmental and energy: EnergyStar 7.0, RoHS
- Recyclable packaging material: 100 %
- Specific Substances: Mercury free, PVC / BFR free housing

Compliance and standards
- Regulatory Approvals: WEEE, CE Mark, CU-EAC, FCC Class B, BIS

Cabinet
- Color: Black
- Finish: Glossy / Textured