Vivid, true-to-life colors

in an elegant design

This brilliant wide view display with Ultra Wide-Color offers true-to-life colors wrapped in an elegance-inspired design for a light and fresh face in any home or office.

Elegant Design

- Elegant, slim design complements your home decor
- Superb glossy finish enhance your home decoration
- EasySelect menu toggle key for quick on-screen menu access

Experience immersive multimedia

- MHL technology for enjoying mobile content on big screen

Superb Picture Quality

- SmartImage Lite for easy optimized image settings
- SmartContrast for deep black level details
- 16:9 Full HD display for crisp detailed images
- Less eye fatigue with Flicker-free technology
- PLS LED wide-view technology for image and color accuracy
- Ultra Wide-Color wider range of colors for a vivid picture

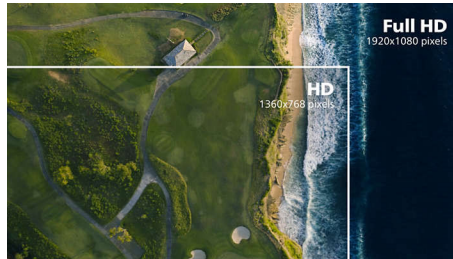# PHILIPS

Highlights

Ultra Wide-Color Technology

Ultra Wide-Color Technology delivers a wider spectrum of colors for a more brilliant picture. Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring, media entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color Technology.

PLS technology

PLS displays uses 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 - even in 90 degree Pivot mode! Unlike standard TN panels, PLS 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.

Flicker-free technology

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.

SmartContrast

SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

SmartImage Lite

SmartImage Lite is an exclusive, leading edge Philips technology that analyzes the content displayed on your screen. Based on a scenario you select, SmartImage Lite dynamically enhances the contrast, color saturation and sharpness of images and videos for ultimate display performance - all in real time with the press on a single button.

EasySelect Menu Toggle Key

The discreetly placed EasySelect Menu Toggle Key allows you to make quick and easy adjustments to monitor settings in the On-Screen Display menu.

Specifications

Connectivity
- Signal Input: VGA (Analog), DVI-D (digital, HDCP), MHL-HDMI (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): HDMI audio out

Picture/Display
- Panel Size: 27 inch / 68.6 cm
- Aspect ratio: 16:9
- LCD panel type: PLS LCD
- Backlight type: W-LED system
- Pixel pitch: 0.311 x 0.311 mm
- Optimum resolution: 1920 x 1080 @ 60Hz
- Brightness: 250 cd/m²
- Display colors: 16.7 M
- Color gamut (typical): NTSC 104.4% (CIE1976)*
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 5 ms (Gray to Gray)*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage Lite
- Effective viewing area: 597.9 (H) x 336.3 (V)
- Scanning Frequency: 30 -83 kHz (H) / 56 -76 Hz (V)
- sRGB
- MHL: 1080P @ 30Hz
- Flicker-free

Convenience
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8.1 / 8 / 7
- User convenience: Power On/Off, Menu, Volume (HDMI Audio out), Input, SmartImage lite
- 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, VESA mount (100x100mm)

Stand
- Tilt: -5/20 degree

Power
- Power supply: External, 100-240VAC, 50-60Hz
- Off mode: 0.3 W (typ.)
- On mode: 17.03 W (typ.) (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): 616 x 468 x 179 mm
- Product with stand in inch: 24.3 x 18.4 x 7.0 inch
- Packaging in mm (WxHxD): 676 x 544 x 113 mm
- Product without stand (mm): 616 x 370 x 52 mm
- Packaging in inch (WxHxD): 26.6 x 21.4 x 4.4 inch
- Product without stand in inch: 24.3 x 14.6 x 2.0 inch

Weight
- Product with packaging (kg): 6.81 kg
- Product with stand (kg): 4.33 kg
- Product with packaging (lb): 14.98 lb
- Product with stand (lb): 9.53 lb
- Product without stand (kg): 4.08 kg
- Product without stand (lb): 8.98 lb

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

Sustainability
- Environmental and energy: EnergyStar 7.0, RoHS, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: CE Mark, FCC Class B, CU-EAC, TCO Certified, TUV/ISO9241-307, VCCI, RCM, WEEE, CECP

Cabinet
- Color: White
- Finish: Glossy

* 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
* For complete list of MHL-enabled products refer to www.mhlconsortiun.org
* HDMI cables vary depending on region and models.
* Response time value equal to SmartResponse
* NTSC 85% (CIE1931), sRGB: 122.9%