LCD monitor with SmartControl Lite

- V Line
- 27" (68.6 cm)

273V5LHAB/89

# Great LED images in vivid colors

with stereo speakers

Enjoy vivid LED pictures on this big Philips display. Equipped with HDMI and stereo speakers, it's a great choice!

## Benefits

### Vivid pictures every time

- LED technology for vivid colors
- Easy display performance tuning with SmartControl Lite
- SmartContrast for rich black details
- 16:9 Full HD display for best viewing experience

### Experience multimedia

- Built-in stereo speakers for multimedia

- HDMI-ready for Full HD entertainment

### Great choice

- Mercury Free eco-friendly display
- Compact design saves space
- VESA mount allows for flexibility

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# Features

## LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

## Built-in stereo speakers

A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

## SmartControl Lite

SmartControl Lite is the next generation 3D icon based GUI monitor control software. This allows user to fine-tune most parameters of the monitor like Color, Brightness, screen calibration, Multi-media, ID management, etc with the mouse.

## 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.

## 16:9 Full HD



The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future proof as it supports 1080p signals from all sources, including the most recent like Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colors.

## 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).

## Mercury Free

Philips monitors with LED backlighting are free of Mercury content, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its life-cycle, from manufacturing to disposal.

# Specifications

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## Picture/Display

| | |
|---|---|
| LCD panel type | TFT-LCD |
| Backlight type | W-LED system |
| Panel Size | 27 inch / 68.6 cm |
| Effective viewing area | 597.88 (H) x 336.31 (V) |
| Aspect ratio | 16:9 |
| Optimum resolution | 1920 x 1080 @ 60 Hz |
| Response time (typical) | 1 ms GtG* |
| Brightness | 300 cd/m² |
| SmartContrast | 10,000,000:1 |
| Contrast ratio (typical) | 1000:1 |
| Pixel pitch | 0.311x 0.311 mm |
| Viewing angle | 170° (H) / 160° (V) @ C/R > 10 |
| Display colors | 16.7 M |
| Scanning Frequency | 30 -83 kHz (H) / 56 -75 Hz (V) |
| sRGB | Yes |

## Connectivity

| | |
|---|---|
| Signal Input | VGA (Analog ) |

| | |
|---|---|
| Sync Input | DVI-D (digital, HDCP)<br>HDMI (digital, HDCP)<br>Separate Sync<br>Sync on Green |
| Audio (In/Out) | PC audio-in<br>Headphone out |

## Convenience

| | |
|---|---|
| Built-in Speakers | 2W x 2 |
| User convenience | Auto/Down<br>Brightness/Back<br>Menu/OK<br>Power On/Off<br>Volume/Up |
| OSD Languages | Brazil Portuguese<br>Czech<br>Dutch<br>English<br>Finnish<br>French<br>German<br>Greek<br>Hungarian<br>Italian<br>Japanese<br>Korean<br>Polish<br>Portuguese<br>Russian<br>Simplified Chinese<br>Spanish<br>Swedish<br>Traditional Chinese<br>Turkish<br>Ukranian |
| Other convenience | Kensington lock<br>VESA mount (100x100mm) |
| Plug & Play Compatibility | DDC/CI<br>Mac OS X<br>sRGB<br>Windows 7<br>Windows 8 |

## Stand

| | |
|---|---|
| Tilt | -5/20 degree |

## Power

| | |
|---|---|
| On mode | 19.65 W (EnergyStar 6.0 test method) |
| Standby mode | 0.5 W (typ.) |
| Off mode | 0.3 W (typ.) |
| Power LED indicator | Operation - White<br>Standby mode- White (blinking) |
| Power supply | Built-in<br>100-240VAC, 50-60Hz |

## Dimensions

| | |
|---|---|
| Product with stand (mm) | 646 x 471 x 240 mm |
| Product without stand (mm) | 646 x 398 x 57 mm |
| Packaging in mm (WxHxD) | 698 x 482 x 139 mm |

## Weight

| | |
|---|---|
| Product with stand (kg) | 4.53 kg |
| Product without stand (kg) | 4.00 kg |
| Product with packaging (kg) | 6.17 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 | EnergyStar 6.0<br>RoHS<br>Mercury Free |
| Recyclable packaging material | 100 % |

## Compliance and standards

| | |
|---|---|
| Regulatory Approvals | BSMI<br>CE Mark<br>FCC Class B<br>GOST<br>PSB<br>SASO<br>SEMKO<br>TCO Certified<br>TUV/ISO9241-307<br>cETLus<br>WEEE |

## Cabinet

| | |
|---|---|
| Color | Black |
| Finish | Hairline (front bezel) /Texture (rear cover) |

* Response time value equal to SmartResponse

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