Sustainable eco design display
with PowerSensor saves energy bills

The Philips PowerSensor AMVA LED display using 65% post-consumer recycled plastics and PVC, BFR free housing is ideal for eco-friendly productivity

**Sustainable Eco-design**
- PowerSensor saves up to 80% energy costs
- 65% post consumer recycled plastics with TCO Edge
- EPEAT Gold ensures lowest impact on environment
- PVC-BFR free housing

**Brilliant performance**
- AMVA LED for wide-view super-high contrast, vivid images
- DisplayPort offers audio and video over a single, long cable
- Built-in stereo speakers for multimedia

**Designed for people**
- SmartErgoBase enables user-friendly ergonomic adjustments
- Low bezel-to-table height for maximum reading comfort

**Easy to experience**
- SmartImage presets for easy optimised image settings
- USB Hub with 3 ports for easy connections
AMVA LCD monitor, LED backlight with PowerSensor
P-line 27”/68.6 cm Full HD AMVA display

Highlights

**PowerSensor**

PowerSensor is a built-in ‘people sensor’ that transmits and receives harmless infrared signals to determine if the user is present and then automatically reduces monitor brightness when the user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life.

**AMVA LED display**

Philips AMVA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web-browsing, films, gaming and demanding graphical applications. Its optimised pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images even in 90 degree pivot mode.

**DisplayPort**

DisplayPort is a digital link from PC to monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15 metre cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates — making DisplayPort the best choice for not only general office or home use, but also for the more demanding gaming and films, video editing and more. It also keeps interoperability in mind via the use of various adapters.

**SmartErgoBase**

The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The user-friendly height, swivel, tilt and rotation angle adjustments of the base allow the monitor to be positioned for maximum comfort to help ease the physical strains of a long workday. In addition, cable management reduces cable clutter and keeps the workspace neat and professional.

**3 Ports USB 2.0 HUB**

USB Hub allows user to conveniently connect their plug and play multimedia devices such as USB memory devices, camera, portable HDD, Web camera, PDA, Printer and many other devices which have USB connection available. The conveniently located USB 2.0 Hub on the monitor allows USB 2.0 signals to pass through to the computer. Note that many devices like cameras and HDD may need to be powered On independently, as they have higher power requirements than the monitor USB Hub can provide.

**EPEAT Gold**

Philips EPEAT GOLD certified monitors ensure protection for human health and the environment, and are highly energy efficient ensuring low emissions of climate changing green house gases. The EPEAT programme helps purchasers evaluate, compare and select Monitors based on 51 environmental criteria supported by the US EPA. GOLD certification ensures that at least 30% of plastic used is Post Consumer Resin, which ensures reduction in the use of toxic and hazardous materials. EPEAT Gold is valid only where Philips registers the product. Please visit www.epeat.net for the registration status in your country.
Specifications

Picture/Display
- LCD panel type: AMVA LCD
- Backlight type: W-LED system
- Panel Size: 27" / 68.6 cm
- Effective viewing area: 597.6 x 336.15 mm
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Response time (typical): 12 ms
- SmartResponse (typical): 6 ms (Grey to Grey)
- Brightness: 300 cd/m²
- Contrast ratio (typical): 5000:1
- Panel pitch: 0.311 x 0.311 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colours: 16.7 M
- Scanning Frequency: 30–83 kHz (H)/56–75 Hz (V)
- sRGB

Connectivity
- Signal Input: DisplayPort, DVI-D (digital, HDCP), VGA (Analogue)
- USB: USB 2.0 x 3
- Sync Input: Separate Sync, Sync on Green
- Audio In/Out: PC audio-in, Headphone out

Convenience
- Built-in Speaker: 2 W x 2
- User convenience: SmartImage, Volume, PowerSensor, Menu, Power On/Off
- Control software: SmartControl Premium
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7

Stand
- Height adjustment: 110 mm
- Pivot: Yes (auto pivot), anti-clockwise
- Swivel: 65°/65 degree
- Tilt: -5/20 degree

Power
- ECO mode: 21.3 W (typ.)
- On mode: 25.5 W (EnergyStar 5.0 test method)
- Standby mode: 0.5 W
- Off mode: 0.3 W
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: 100-240 VAC, 50/60 Hz, Built-in

Dimensions
- Product with stand (mm): 642 x 528 x 244 mm
- Product without stand (mm): 642 x 391 x 65 mm
- Packaging in mm (W x H x D): 750 x 446 x 300 mm

Weight
- Product with stand (kg): 7.65 kg
- Product without stand (kg): 5.25 kg
- Product with packaging (kg): 10.79 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% %
- MTBF: 30,000 hour(s)

Sustainability
- Environmental and energy: PowerSensor, EnergyStar 5.0, EPEAT Gold, TCO edge, RoHS
- Recyclable packaging material: 65%
- Specific Substances: PVC/BFR free housing, Mercury free, Lead free

Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SASO, SEMKO, TCO 5.2, TUV Ergo, TUV/GS, UL/cUL, WEEE

Cabinet
- Front bezel: Black
- Rear cover: Black
- Foot: Black
- Finish: Texture