Philips Brilliance
LCD monitor with
PerfectKolor Technology

P Line
27" (68.6 cm)
Adobe RGB

Brilliance

272P4APJKHB

Perfect Colour

you know it when you see it

Get the perfect results you're looking for. This professional IPS-AHVA display delivers CrystalClear Quad HD images. PerfectKolor Technology ensures factory-calibrated 99% Adobe RGB colour space and a billion colours for perfect results.

Brilliant performance with PerfectKolor

- Pro colour standards 99% Adobe RGB, 100% sRGB
- Precision-ready - Factory-colour calibration with report
- Six-axis custom colour adjustment
- 1.074 billion colours for smooth colour gradations and detail
- SmartUniformity for consistent images
- IPS-AHVA wide-view technology for image and colour accuracy
- CrystalClear images with Quad HD 2560x1440 pixels
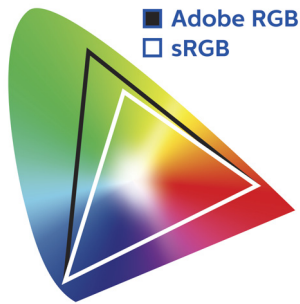- Less eye fatigue with Flicker-Free technology

Designed for the way you work

- SmartErgoBase enables user-friendly ergonomic adjustments
- MultiView enables active dual connect and view at the same time
- Webcam with mic to connect and collaborate
- Built-in stereo speakers for multimedia
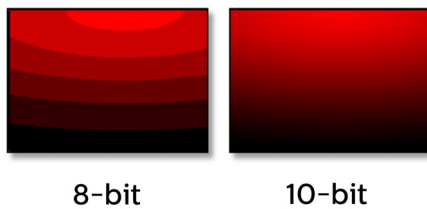- Shading hood to control light for colour-critical work

PHILIPS

Highlights

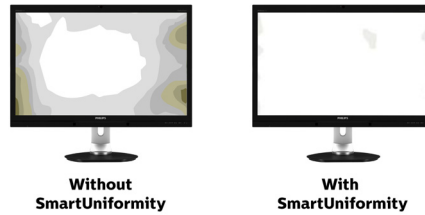### PerfectKolor for exact results

■ Adobe RGB
□ sRGB

The perfect colour: You know it when you see it. These new monitors feature high-quality brilliant panels for rich, accurate colour from every angle. Know that your colour is consistent with professional industry-standard colour: 99% Adobe RGB and 100% sRGB. Out-of-the-box colour precision with factory colour calibration and a factory calibration report give you confidence right from the start. Adjust the colour to your exact standards with six-axis custom colour adjustment. Save time and money with Philips monitors with PerfectKolor Technology.

10-bit colours

8-bit   10-bit

The 10-bit display delivers rich colour depth with 1.074 billion colours and 12-bit internal processing for recreating smooth, natural colours without gradations and colour banding.

SmartUniformity

Without SmartUniformity   With SmartUniformity

Fluctuations in brightness and colour on LCD screens are a common phenomenon. Philips' SmartUniformity mode delivers accurate images in terms of brightness; which is crucial for photography, design and printing. With a colour metric to assess colour accuracy, this mode is calibrated to meet average luminance uniformity of more than 95%. Selecting this mode will produce uniform and accurate images.

IPS-AHVA display

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

CrystalClear images

These latest Philips screens deliver CrystalClear, Quad HD 2560x1440 or 2560x1080 pixel images. Utilising high-performance panels with a high-density pixel count, enabled by high-bandwidth sources like DisplayPort, HDMI, Dual link DVI, these new displays will make your images and graphics come alive. Whether you are a demanding professional requiring extremely detailed information for CAD-CAM solutions, using 3D graphic applications or a financial wizard working on huge spreadsheets, Philips displays will give you CrystalClear images.

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.

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.

PerfectKolor Technology | SmartUniformity | HHVA-IPS Wide Viewing Angle | Wide Viewing Angle | QHD 2560 x 1440 | Flicker-free | SmartErgoBase | MultiView | Webcam | Built-in speakers

LCD monitor with PerfectKolor Technology

P Line 27" (68.6 cm), Adobe RGB

272P4APJKHB/00

Specifications

Picture/Display
- LCD panel type: IPS-AHVA LCD
- Backlight type: W-LED system
- Panel Size: 27 inch/68.6 cm
- Effective viewing area: 596.7 (H) x 335.6 (V)
- Aspect ratio: 16:9
- Optimum resolution: 2560 x 1440 @ 60Hz
- Response time (typical): 12 ms
- SmartResponse (typical): 5 ms (Grey to Grey)
- Brightness: 350 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 50,000,000:1
- Pixel pitch: 0.233 x 0.233 mm
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colours: Colour support 1.07 billion colours
- Colour gamut: Adobe RGB 99%
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- sRGB

Connectivity
- USB: USB 3.0 x 3
- Signal Input: DVI-Dual Link (digital, HDCP), DisplayPort, HDMI x 2
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Convenience
- Built-in Speakers: 2 W x 2
- Built-in webcam: 2.0 megapixel camera with microphone and LED indicator
- MultiView: PIP/PBP mode, 2 x devices
- User convenience: SmartImage, Menu, Multi-view, Power On/Off, User
- Control software: SmartControl Premium
- OSD Languages: English, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8.1 / 8 / 7

Stand
- Height adjustment: 150 mm
- Pivot: 90 degree
- Swivel: -65/65 degree
- Tilt: -5/20 degree

Power
- ECO mode: 25 W (typ.)
- On mode: 36.95 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: <0.5 W (typ.)
- Off mode: <0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: 100-240 VAC, 50-60 Hz, External

Dimensions
- Product with stand (max height): 639 x 580 x 273 mm
- Product without stand (mm): 639 x 405 x 64 mm
- Packaging in mm (W x H x D): 750 x 490 x 295 mm

Weight
- Product with stand (kg): 7.5 kg
- Product without stand (kg): 5.1 kg
- Product with packaging (kg): 13.8 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: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- MTBF: 30,000 hour(s)

Sustainability
- Environmental and energy: EPEAT Gold*, PowerSensor, EnergyStar 6.0, RoHS, TCO edge
- Recyclable packaging material: 100 %
- Post-consumer recycled plastic: 65%
- Specific Substances: PVC/BFR free housing, Mercury free, Lead free

Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, cETLus, FCC Class B, GOST, SASO, SEMKO, TCO 6.0, TUV Ergo, TUV/GS, WEEE, CU-EAC

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

Accessories
- Shading hood

* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* EPEAT Gold is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.
* Smart response time is the optimum value from either GtG or GtG (BW) tests.