Philips Brilliance
LCD monitor with
PerfectKolor Technology

P Line
27" (68.6 cm)
Adobe RGB

Brilliance

272P4APJKHB

Perfect Color

you know it when you see it

Get the perfect results you're looking for. This professional display delivers CrystalClear Quad HD images. PerfectKolor Technology ensures factory-calibrated 99% AdobeRGB color space and a billion colors for perfect results.

Brilliant performance with PerfectKolor
- Pro color standards 99% AdobeRGB, 100% sRGB
- Precision-ready - Factory-color calibration with report
- Six axis custom color adjustment
- 1.074 billion colors for smooth color gradations and detail
- SmartUniformity for consistent images
- IPS technology for full colors and wide viewing angles
- Crystalclear images with Quad HD 2560 x 1440 pixels
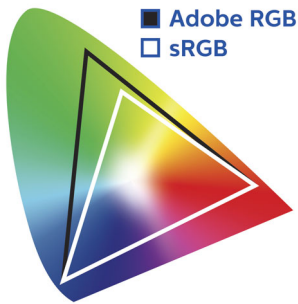- Less eye fatigue with Flicker-free technology

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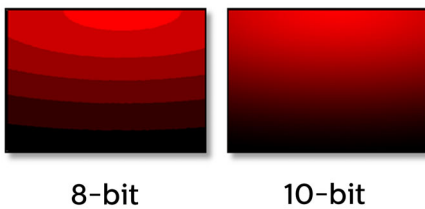- Shading hood to control light for color-critical work

PHILIPS

Highlights

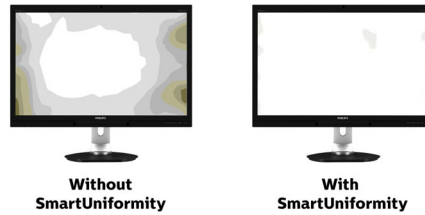## PerfectKolor for exact results

Adobe RGB
sRGB

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

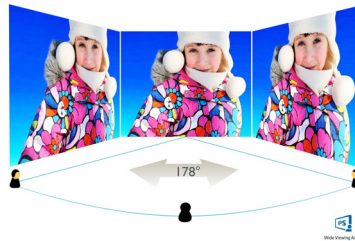## 10-bit colors

8-bit   10-bit

The 10-bit display delivers rich color depth with 1.074 billion colors and 12-bit internal processing for re-creating smooth, natural colors without gradations and color banding.

SmartUniformity

Without SmartUniformity   With SmartUniformity

Fluctuations in brightness and color 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 color metric to assess color accuracy, this mode is calibrated to meet average luminance uniformity is greater than 95%. Selecting this mode will produce uniform and accurate images.

IPS technology

178°

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 - even in 90 degree Pivot mode! 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.

Crystalclear images
These latest Philips screens deliver Crystalclear, Quad HD 2560x1440 or

2560x1080 pixel images. Utilizing high performance panels with 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 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.

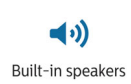## Flicker-free technology

FlickerFree

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 base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; cable management reduces cable clutter and keeps the workspace neat and professional.

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

Specifications

Picture/Display
- LCD panel type: IPS technology
- 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): 5 ms (Gray to Gray)*
- 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 colors: Color support 1.07 billion colors
- Color gamut (typical): 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, HDMIx2
- 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 indictor
- MultiView: PIP/PBP mode, 2x devices
- User convenience: SmartImage, Menu, Multiview, 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, Ukranian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & 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: 57.6 W (typ.)
- Standby mode: <0.5 W (typ.)
- Off mode: <0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: 100-240VAC, 50-60Hz, 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 (WxHxD): 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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- MTBF: 30,000 hour(s)

Sustainability
- Environmental and energy: PowerSensor, 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, TUV Ergo, TUV/GS, WEEE, CU-EAC

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

Accessories
- Shading hood

What's in the box?
- Monitor with stand
- Cables: DVI, HDMI, DP, Audio, USB, Power
- User Documentation

* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* Response time value equal to SmartResponse