



Philips Brilliance  
LCD monitor with  
PerfectKolor Technology

**P Line**  
27" (68.6 cm)  
Adobe RGB

**Brilliance**



**272P4APJKB**

## Perfect Color

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% 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-AHVA wide-view technology for image and color accuracy
- Crystalclear images with Quad HD 2560x1440 pixels
- Less eye fatigue with Flicker-free technology

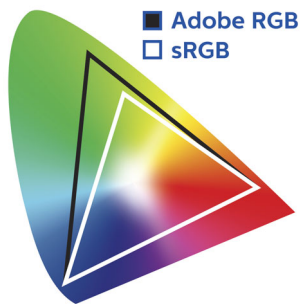
### Designed for the way you work

- 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

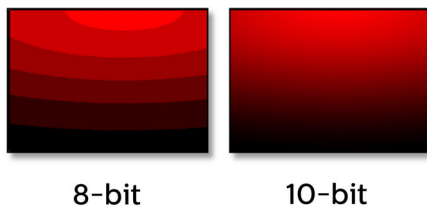
# Highlights

## PerfectKolor for exact results



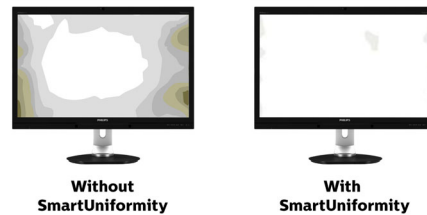
The perfect color, you know it when you see it. These new monitors feature high quality brilliant panels for rich accurate color from every angle. Know that your color is consistent with professional industry-standard color, 99% Adobe RGB and 100% sRGB. Out of the box color precision with factory color 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



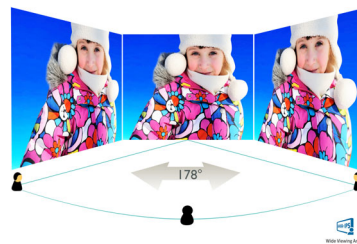
The 10-bit display delivers rich color depth with 1.074 billion colors and 12-bit internal processing for re-creating smooth, natural colors without gradations and color banding.

## SmartUniformity



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-AHVA display



IPS-AHVA 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. Unlike standard TN panels, IPS-AHVA displays give 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



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.



# 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 (Gray to Gray)
- Brightness: 350 cd/m<sup>2</sup>
- 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: 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 indicator
- 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, Ukrainian
- 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: 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 (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: 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



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EAN: 87 12581 72571 6

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\* EPEAT Gold is valid only where Philips registers the product. Please visit [www.epeat.net](http://www.epeat.net) for registration status in your country.

\* Smart response time is the optimum value from either GtG or GtG (BW) tests.