Philips Brilliance
LCD monitor with
PowerSensor

P Line
27" (68.47 cm)
2560 x 1440 (QHD)

Brilliance

275P1FR

Master every task
in a crisp view

This Philips Brilliance monitor delivers Crystalclear QHD and lifelike visuals with VESA DisplayHDR 400. 4-sided narrow border and the foldable PowerSensor design for nearly seamless multiple monitor tiling set-ups.

Brilliant performance
- 4-sided frameless display
- DisplayHDR 400 for more lifelike and outstanding visuals
- Crystalclear images with Quad HD 2560 x 1440 pixels
- IPS technology for full colors and wide viewing angles

Designed for the way you work
- TUV Eye Comfort certified to reduce eye fatigue
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity
- EasyRead mode for a paper-like reading experience
- SmartErgoBase enables people-friendly ergonomic adjustments
- Built-in stereo speakers for multimedia

Sustainable Eco-design
- Hideaway PowerSensor saves up to 80% energy costs
- LightSensor for the perfect brightness with minimal power

PHILIPS
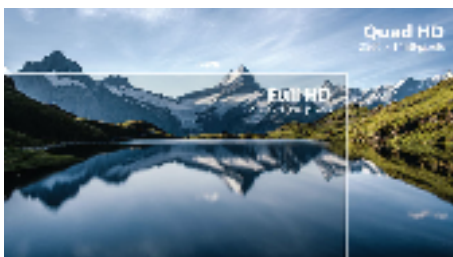
Highlights

4-sided frameless

Extremely minimizing 4-sided bezels on this virtually frameless display gives minimalist look and offers an expansive viewing experience. Expand your productivity and make you focus on the vivid images with seamless visions. Significant wide view without distraction even multi monitor set-up in pivot mode.

DisplayHDR 400

VESA-certified DisplayHDR 400 delivers a significant step-up from normal SDR displays. Unlike, other 'HDR compatible' screens, true DisplayHDR 400 produces astonishing brightness, contrast and colors. With global dimming and peak brightness up-to 400 nits, images come to life with notable highlights while featuring deeper, more nuanced blacks. It renders a fuller palette of rich new colors, delivering a visual experience that engages your senses.

Crystalclear images

These 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 USB-C, 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.

TUV Rheinland Eye Comfort

Philips display meet TUV Rheinland Eye Comfort standard to prevent eye strain caused by prolonged computer use. With TUV Eye Comfort certification, Philips displays ensure flicker-free, low blue mode, no disturbing reflections, wide viewing angle and less reduction of image quality from different angles and ergonomic stand designs for ideal viewing experience. Keep your eyes healthy and boost work productivity.
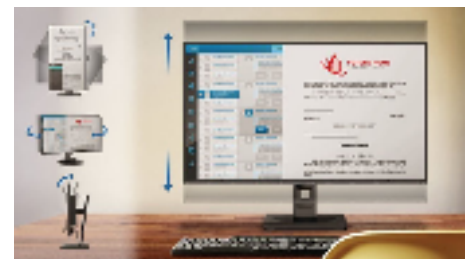
Flicker-free technology

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.

LowBlue Mode

Studies have shown that just as ultra-violet rays can cause eye damage, shortwave length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

SmartErgoBase

The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base can swivel, tilt and rotate to various angles to ensure maximum comfort. The height adjustable stand guarantees the optimal viewing level, reducing the physical strains of a long workday, while cable management reduces cable clutter and keeps the workspace neat and professional.

Hideaway 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 then user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life. The new Hideaway PowerSensor can be folded out of the way for multiple monitor tiling set-ups.

Specifications

Picture/Display
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Panel Size: 27 inch / 68.47 cm
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- Effective viewing area: 596.74 (H) x 335.66 (V)
- Aspect ratio: 16:9
- Maximum resolution: 2560 x 1440 @ 75 Hz*
- Pixel Density: 108.79 PPI
- Response time (typical): 4 ms (Gray to Gray)*
- Brightness: 400 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 50,000,000:1
- Pixel pitch: 0.2331 x 0.2331 mm
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colors: 16.7 M
- Color gamut (min.): DCI-P3 86%*
- Color gamut (typical): NTSC 100%*, sRGB 116%*, Adobe RGB 100%*
- HDR: DisplayHDR 400 certified
- Scanning Frequency: HDMI: 30 - 140 kHz (H), DP: 30 - 114 kHz (H) / 48 - 75 Hz (V)
- SmartUniformity: 93 ~ 105%
- Delta E: < 2 (sRGB)
- sRGB
- Flicker-free
- LowBlue Mode
- EasyRead

Connectivity
- Signal Input: DisplayPort 1.4 x 1, HDMI 2.0 x 2
- HDCP: HDCP 1.4 (HDMI), HDCP 2.2 (DP)
- USB:: USB-B x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)
- Audio (In/Out): Audio out
- Sync Input: Separate Sync

Convenience
- Built-in Speakers: 3 W x 2
- User convenience: SmartImage, Input, PowerSensor, Menu, Power On/Off
- Control software: SmartControl
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, French, Finnish, German, Greek, Hungarian, Italian, Japanese, Korean, Portuguese, Polish, 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 10 / 8.1 / 8 / 7

Stand
- Height adjustment: 150 mm
- Pivot: -/+ 90 degree
- Swivel: -/+ 180 degree
- Tilt: -5 ~ 35 degree

Power
- ECO mode: 19.2 W (typ.)
- On mode: 19.0 W (typ.) (EnergyStar test method)
- Standby mode: 0.35 W
- Off mode: Zero watts with Zero switch
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

Dimensions
- Product with stand(max height): 612 x 540 x 205 mm
- Product without stand (mm): 612 x 354 x 48 mm
- Packaging in mm (WxHxD): 694 x 438 x 215 mm

Weight
- Product with stand (kg): 6.29 kg
- Product without stand (kg): 4.67 kg
- Product with packaging (kg): 8.62 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 (demonstrated): 70,000 hrs (excluded backlight)

Sustainability
- Environmental and energy: PowerSensor, LightSensor, EnergyStar 8.0, TCO Certified Edge, RoHS
- Recyclable packaging material: 100 %
- Post consumer recycled plastic: 85%
- Specific Substances: Mercury free, PVC / BFR free housing

Compliance and standards
- Regulatory Approvals: EPA, CB, CCC, CECP, CEL, CE Mark, FCC Class B, ICES-003

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

* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.
* The maximum resolution works for either USB-C, DP or HDMI input.
* Response time value equal to SmartResponse
* BT. 709 / DCI-P3 Coverage based on CIE1976
* NTSC Area based on CIE1976
* sRGB Area based on CIE1931
* Adobe RGB Coverage based on CIE1976
* The monitor may look different from feature images.