

Philips Business Monitor
Curved UltraWide LCD
display

B Line

34" (86.36 cm)
3440 x 1440 (WQHD)

345B1C



See more. Do more.

The Philips B line 34" curved UltraWide display gives a wrap-around view of your work. A crystal-clear WQHD display and ergonomic stand design make for optimal working conditions. Eye comfort features with TUV certification to reduce eye fatigue.

Designed for the way you work

- Tilt, swivel and height-adjust for an ideal viewing position
- DisplayPort connection for maximum visuals
- HDMI ensures universal digital connectivity
- Less eye fatigue with Flicker-Free technology
- LowBlue Mode for easy-on-the-eyes productivity
- EasyRead mode for a paper-like reading experience
- USB 3.2 high-speed data transfer

Designed for sustainability

- LightSensor for the perfect brightness with minimal power
- PowerSensor saves up to 70% energy costs

Better view, better productivity

- Effortlessly smooth action with Adaptive-Sync technology
- CrystalClear images with UltraWide QHD 3440 x 1440 pixels
- MultiView enables simultaneous dual connection and view

PHILIPS

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Highlights

UltraWide CrystalClear images



These Philips screens deliver Crystal Clear, UltraWide Quad HD 3440 x 1440 pixel images. Utilising high-performance panels with high-density pixel count and 178/178 wide viewing angles, these new displays will make your images and graphics come alive. The UltraWide 21:9 format enables more productivity with more room for side-by-side comparisons and more viewable spreadsheet columns. Whether you are a demanding professional requiring extremely detailed information for CAD-CAM solutions or a financial wizard working on huge spreadsheets, Philips displays deliver Crystal Clear images.

MultiView technology



With the ultra-high resolution Philips MultiView display, you can now experience a world of connectivity. MultiView enables active dual connect and view so that you can work with multiple devices like a PC and notebook simultaneously, for complex multitasking.

Adaptive-Sync technology



Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artefact-free performance at virtually any frame rate with Adaptive-Sync technology, smooth quick refresh and ultra-fast response time.

HDMI Ready



An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. An HDMI cable enables high-quality digital video and audio to be transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).

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



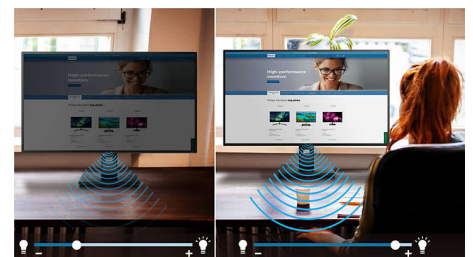
Studies have shown that just as ultra-violet rays can cause eye damage, shortwave-length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, the Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

EasyRead mode



EasyRead mode for a paper-like reading experience

PowerSensor



PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if the user is present and automatically reduces monitor brightness when the user steps away from the desk, cutting energy costs by up to 70 percent and prolonging monitor life.



WQHD



MultiView



Adaptive-Sync



HDMI



Flicker-free



LowBlue Mode



EasyRead



PowerSensor



LightSensor

Specifications

Connectivity

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

Picture/Display

- Panel Size: 34 inch / 86.36 cm
- Aspect ratio: 21:9
- LCD panel type: VA LCD
- Backlight type: W-LED system
- Pixel pitch: 0.23175 x 0.23175 mm
- Brightness: 300 cd/m²
- Display colours: 16.7 M
- Colour gamut (typical): NTSC 100%*, sRGB 119%*, Adobe RGB 90%*
- Contrast ratio (typical): 3000:1
- SmartContrast: 80,000,000 :1
- Response time (typical): 4 ms (Grey to Grey)*
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Maximum resolution: 3440 x 1440 @ 100 Hz*
- Effective viewing area: 797.2 (H) x 333.7 (V) — at a 1500 R curvature*
- Scanning Frequency: 30–160 kHz (H)/48–100 Hz (V)
- sRGB
- Delta E: < 2 (sRGB)
- Flicker-free
- Pixel Density: 110 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 2H, Haze 25%
- SmartUniformity: 93 ~ 105%
- EasyRead
- Adaptive sync

Convenience

- Built-in Speakers: 5 W x 2
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: SmartImage, Input, User, Menu, Power On/Off
- 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 (100 x 100 mm)
- Control software: SmartControl
- MultiView: PIP/PBP mode*, 2 x devices

Stand

- Height adjustment: 180 mm

- Swivel: -180/180 degree
- Tilt: -5/30 degree

Power

- ECO mode: 34 W (typ.)
- Power supply: Built-in, 100–240 VAC, 50–60 Hz
- Off mode: Zero watts with Zero switch
- On mode: 28.36 W (typ.) (EnergyStar test method)
- Standby mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Energy Label Class: F

Dimensions

- Packaging in mm (W x H x D): 904 x 525 x 282 mm
- Product without stand (mm): 807 x 367 x 110 mm
- Product with stand (max height): 807 x 601 x 250 mm

Weight

- Product with packaging (kg): 15.05 kg
- Product with stand (kg): 11.32 kg
- Product without stand (kg): 7.62 kg

Operating conditions

- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- Temperature range (operation): 0°C to 40 °C
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60 °C
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

Sustainability

- Environmental and energy: PowerSensor, LightSensor, EnergyStar 8.0, TCO Certified, RoHS
- Recyclable packaging material: 100 %
- Specific Substances: Mercury free, PVC/BFR free housing

Compliance and standards

- Regulatory Approvals: CB, EPA, cETLus, FCC Class B, ICES-003, CE Mark, TUV/GS, TUV Ergo, CU-EAC, UKRAINIAN

Cabinet

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

What's in the box?

- Cables: HDMI cable, DP cable, Power cable
- Monitor with stand
- User Documentation



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* Radius of the arc of the display curvature in mm

* The maximum resolution works for either HDMI input or DP input.

* Response time value equal to SmartResponse

* NTSC Area based on CIE 1976

* sRGB Area based on CIE1931

* Adobe RGB Coverage based on CIE 1976

* Cannot support HDMI 1 vs HDMI 2 for PIP/PBP at the same time

* The monitor may look different from feature images.