Philips
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.

Better view, better productivity
- CrystalClear images with UltraWide QHD 3440 x 1440 pixels
- VA display delivers awesome images with wide viewing angles
- MultiView enables simultaneous dual connect and view
- Effortlessly smooth action with Adaptive-Sync technology

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

Designed for sustainability
- PowerSensor saves up to 70% energy costs

PHILIPS

Highlights

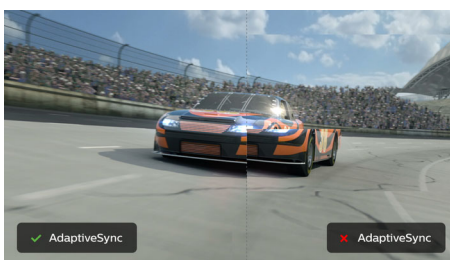### UltraWide CrystalClear images

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.
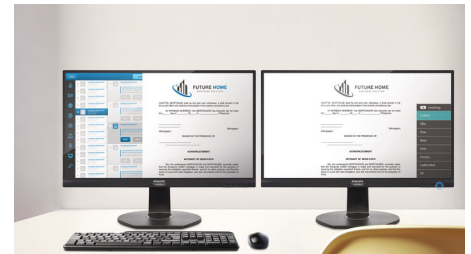
LowBlue Mode

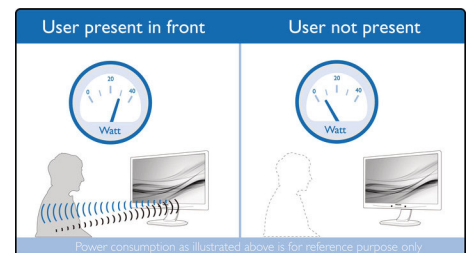Studies have shown that just as ultra-violet rays can cause eye damage, shortwave-length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, the Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.
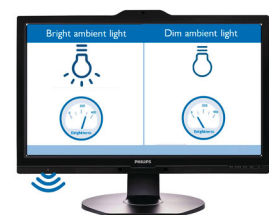
EasyRead mode

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.

LightSensor

LightSensor uses a smart sensor to adjust the picture brightness depending on the light conditions in the room for the perfect picture with minimal power usage.

21:9 Curved UltraWide | WQHD | MultiView | Adaptive-Sync | HDMI HIGH DEFINITION MULTIMEDIA INTERFACE | Built-in Speaker | Flicker-free | LowBlue Mode | PowerSensor

Specifications

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

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

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

Stand
- Height adjustment: 180 mm
- Swivel: -180/180 degree
- Tilt: -5/30 degree

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

Dimensions
- Product with stand (max height): 807 x 601 x 250 mm
- Product without stand (mm): 807 x 367 x 110 mm
- Packaging in mm (W x H x D): 930 x 525 x 282 mm

Weight
- Product with stand (kg): 11.32 kg
- Product without stand (kg): 7.62 kg
- Product with packaging (kg): 15.05 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 (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, SEMKO, CU-EAC, UKRAINIAN

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

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

* 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.