

PHILIPS

Curved UltraWide
LCD display

B Line

34" (86.36 cm)

2560 x 1080 (WFHD)

342B1C



See more. Do more.

The Philips B line 34" curved UltraWide display gives a wrap-around view of your work. A crisp WFHD 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

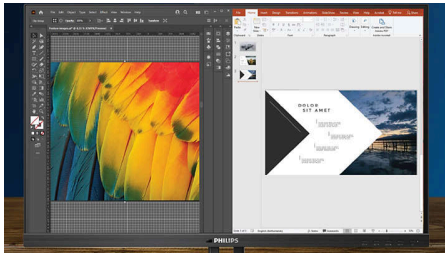
- Effortlessly smooth action with Adaptive-Sync technology
- MultiView enables simultaneous dual connection and view
- VA display delivers awesome images with wide viewing angles

Highlights

UltraWide Full HD

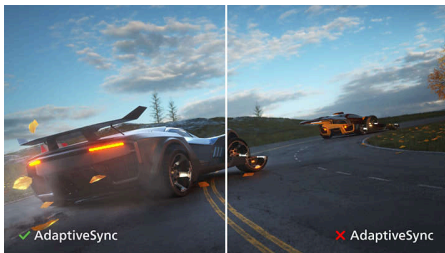
With 21:9 UltraWide format, you can spread out and see multiple applications side-by-side on the same screen. The 21:9 UltraWide format also makes movies and games more immersive than ever. Full HD resolution makes everything look crisp and clear.

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

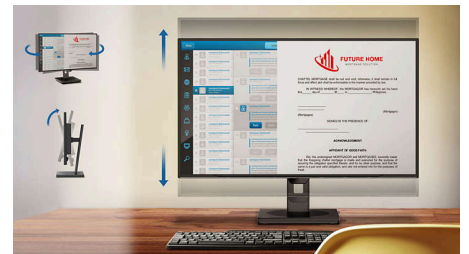
for wellbeing, the Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

EasyRead mode



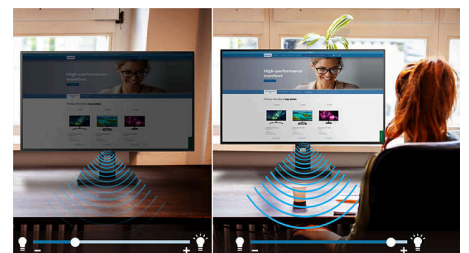
EasyRead mode for a paper-like reading experience

Compact Ergo Base



The Compact Ergo Base is a people-friendly Philips monitor base that tilts, swivels and height-adjusts so each user can position the monitor for maximum viewing comfort and efficiency.

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.



LowBlue Mode



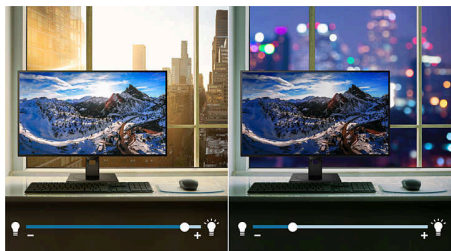
EasyRead



CompactErgo Base

Highlights

LightSensor



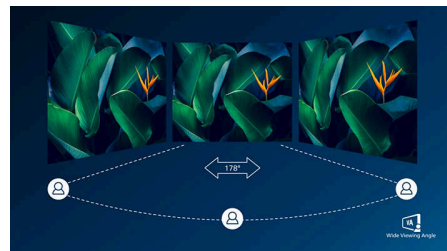
LightSensor uses a smart sensor to adjust the picture brightness depending on the light conditions in the room for the perfect picture with minimal power usage.

DisplayPort connection



DisplayPort is a digital link from PC to monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15 metre cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates — making DisplayPort the best choice for not only general office or home use, but also for the more demanding gaming and films, video editing and more. It also keeps interoperability in mind via the use of various adapters.

VA display



The Philips VA LED display uses an advanced multi-domain vertical alignment technology that gives you super-high static contrast ratios for extra-vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web browsing, films, gaming and demanding graphical applications. Its optimised pixel management technology gives you a 178/178 degree extra-wide viewing angle, resulting in crisp images.



Specifications

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: 0.309 x 0.309 mm
Brightness: 300 cd/m²
Display colours: 16.7 M
Colour gamut (typical): NTSC 81%*, sRGB 96%*, Adobe RGB 81%*
Contrast ratio (typical): 3000:1
SmartContrast: 50,000,000:1
Response time (typical): 4 ms (Grey to Grey)*
Viewing angle: 178° (H)/178° (V), @ C/R > 10
Picture enhancement: SmartImage
Maximum resolution: 2560 x 1080 @ 75 Hz*
Effective viewing area: 797.2 (H) x 333.7 (V) — at a 1500 R curvature*
Scanning Frequency: 30–160 kHz (H) / 48–75 Hz (V)
sRGB
Delta E: < 2
Flicker-free
Pixel Density: 82 PPI
LowBlue Mode
Display Screen Coating: Anti-Glare, 2H, Haze 25%
SmartUniformity: 93 ~ 105%
EasyRead
Adaptive sync

Connectivity

Signal Input: DisplayPort 1.2 x 1, HDMI 2.0 x 1, HDMI 1.4 x 1
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/HDMI 1.4), HDCP 2.2 (HDMI 2.0)

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: 21 W (typ.)
Power supply: Built-in, 100–240 VAC, 50–60 Hz
Off mode: Zero watts with Zero switch
On mode: 25.65 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): 930 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 °C
Relative humidity: 20%-80 %
Temperature range (storage): -20°C to 60°C °C
MTBF (demonstrated): 70,000 hrs (excluded backlight)

Sustainability

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

Compliance and standards

Regulatory Approvals: CE Mark, FCC Class B, EPA, cETLus, SEMKO, 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

