

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 wrap-around view of your work. A crystalclear WQHD display and ergonomic stand design make for optimal working conditions. Eye comfort features with TUV certified 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 connection 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

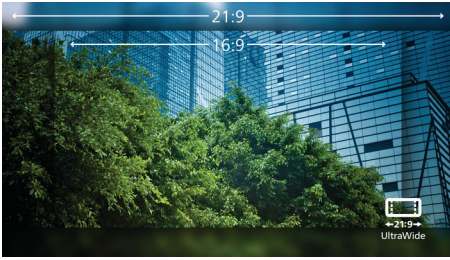
- PowerSensor saves up to 70% energy costs

# PHILIPS

Curved UltraWide LCD display  
B Line 34" (86.36 cm), 3440 x 1440 (WQHD)

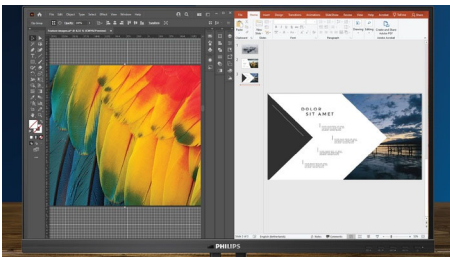
# Highlights

## UltraWide CrystalClear images



These Philips screens deliver CrystalClear, UltraWide Quad HD 3440 x 1440 pixel images. Utilizing high performance panels with high-density pixel count, 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 demanding professional requiring extremely detailed information for CAD-CAM solutions, or a financial wizard working on huge spreadsheets, Philips displays delivers CrystalClear 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 multi-tasking.

## Adaptive-Sync technology



Gaming shouldn't be a choice between choppy gameplay or broken frames. Get fluid, artifact-free performance at virtually any framerate 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. A HDMI cable enables high-quality digital video and audio all 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

345B1C/89

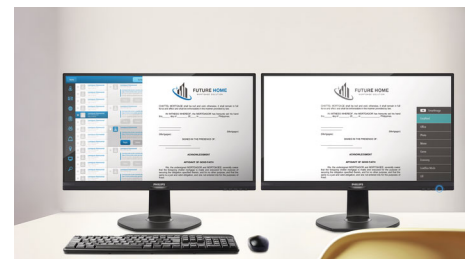
a new solution to regulate brightness and reduce flicker for more comfortable viewing.

## LowBlue Mode



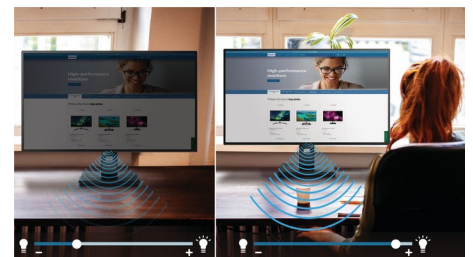
Studies have shown that just as ultra-violet rays can cause eye damage, shortwave length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

## 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 user is present and automatically reduces monitor brightness when user steps away from the desk, cutting energy costs by up to 70 percent and prolonging monitor life.



# Specifications

## Picture/Display

- LCD panel type: VA LCD
- 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 (Gray to Gray)\*
- Brightness: 300 cd/m<sup>2</sup>
- Contrast ratio (typical): 3,000:1
- 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 colors: 16.7 M
- Color 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
- Adaptive sync

## 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\*, 2x 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 (100x100mm)
- Plug & 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
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

## 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 (WxHxD): 904 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
- Temperature range (storage): -20°C to 60 °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, RoHS
- Recyclable packaging material: 100 %
- Specific Substances: Mercury free, PVC / BFR free housing

## Compliance and standards

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

## Cabinet

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



Issue date 2023-03-26

Version: 3.0.2

12 NC: 8670 001 77445  
EAN: 87 12581 77797 5

© 2023 Koninklijke Philips N.V.  
All Rights reserved.

Specifications are subject to change without notice.  
Trademarks are the property of Koninklijke Philips N.V.  
or their respective owners.

[www.philips.com](http://www.philips.com)

\* 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 CIE1976  
\* sRGB Area based on CIE1931  
\* Adobe RGB Coverage based on CIE1976  
\* Cannot support HDMI 1 vs HDMI 2 for PIP/PBP at the same time  
\* The monitor may look different from feature images.