



Curved UltraWide LCD display

- B Line
- 34" (86.36 cm)
- 3440 x 1440 (WQHD)

345B1C/89

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.

Benefits

Better view, better productivity

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

Designed for the way you work

- 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
- Tilt, swivel and height-adjust for an ideal viewing position
- DisplayPort connection for maximum visuals
- USB 3.2 high speed data transfer

Designed for sustainability

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

PHILIPS

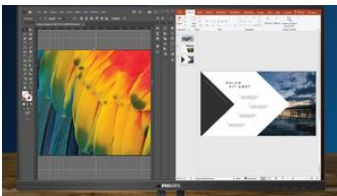
Features

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

LowBlue Mode

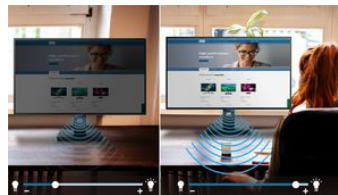


Studies have shown that just as ultra-violet rays can cause eye damage, shortwave length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.

EasyRead mode



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.

LightSensor



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

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.

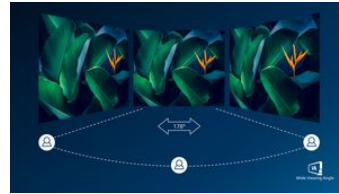
Business Monitor

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 15meter 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 demanding gaming and movies, video editing and more. It also keeps interoperability in mind via use of various adapters.

VA display



Philips VA LED display uses an advanced multi-domain vertical alignment technology which 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, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images.

Specifications

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Picture/Display

| | |
|--------------------------|--|
| LCD panel type | VA LCD |
| Backlight type | W-LED system |
| Panel Size | 34 inch / 86.36 cm |
| Display Screen | Anti-Glare, 2H, Haze 25% |
| Coating | |
| 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 ² |
| 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 | Yes |
| 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 | Yes |
| LowBlue Mode | Yes |
| EasyRead | Yes |
| Adaptive sync | Yes |

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 |
|-------------------------|----------|

Business Monitor

| | |
|-----------------------------|----------|
| 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 |

- * 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.



data subject to change
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