Curved UltraWide LCD Monitor with USB-C

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

346B1C/89

See more. Do more.

The Philips B line 34" curved UltraWide display gives wrap-around view of your work. All-in-one USB-C 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
• Built-in KVM switch to easily switch between sources
• Effortlessly smooth action with Adaptive-Sync technology
• VA display delivers awesome images with wide viewing angles

Designed for the way you work
• Built in USB-C docking station
• TUV Eye Comfort certified to reduce eye fatigue

• Less eye fatigue with Flicker-free technology
• LowBlue Mode for easy on-the-eyes productivity
• Tilt, swivel and height-adjust for an ideal viewing position
• EasyRead mode for a paper-like reading experience

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

Eye Comfort

TÜVRheinland
CERTIFIED
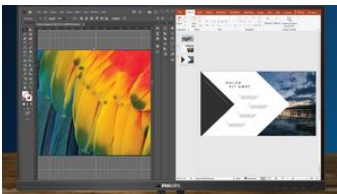www.tuv.com

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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.

MultiClient Integrated KVM

With MultiClient Integrated KVM switch, you can control two separate PCs with one monitor-keyboard-mouse set up. A convenient button allows you to quickly switch between sources. Handy with set-ups that require dual PC computing power or sharing one large monitor to show two different PCs.

Built in USB-C docking station

This Philips display features a built-in USB type-C docking station with power delivery. Its slim, reversible USB-C connector allows for easy, one-cable docking. Simplify by connecting all your peripherals like keyboard, mouse and your RJ-45 Ethernet cable to the monitor's docking station. Simply connect your notebook and this monitor with a single USB-C cable to watch high-resolution video and transfer super-speed data, while powering up and re-charging your notebook at the same time.

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.

TUV Rheinland Eye Comfort

Philips display meet TUV Rheinland Eye Comfort standard to prevent eye strain caused by prolonged computer use. With TUV Eye Comfort certification, Philips displays ensure flicker-free, low blue mode, no disturbing reflections, wide viewing angle and less reduction of image quality from different angles and ergonomic stand designs for ideal viewing experience. Keep your eyes healthy and boost work productivity.

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.
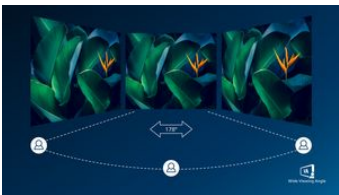
PowerSensor

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.

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.

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.

EasyRead mode

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 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/m²
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 1, USB-C 3.2 Gen 1 x 1 (upstream, power delivery up to 90 W)
HDCP	HDCP 1.4 (DP / USB-C), HDCP 2.2 (HDMI)
USB:	USB-C x 1, USB-B x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)
Audio (In/Out)	Headphone out
RJ45	Ethernet LAN up to 1G*, Wake On Lan
Sync Input	Separate Sync

USB

USB-C	Reversible plug connector
Super speed	Data and Video transfer
DP	Built-in Display Port Alt mode
Power delivery	USB PD version 3.0
USB-C max. power delivery	Up to 90W (5V/3A; 7V/3A; 9V/3A; 10V/3A;12V/3A; 15V/3A; 20V/4.5A)

data subject to change
2023, June 20

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

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)	11.49 kg
Product without stand (kg)	7.79 kg
Product with packaging (kg)	15.32 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 TUV Eye Comfort certified

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 USB-C, DP or HDMI input.

* The USB hub default setting of USB C input for this monitor is "USB 3.2". The resolution supported by USB 3.2 is 3440 x 1440 @ 60 Hz. When user switches to USB 2.0, the resolution supported will be 3440 x 1440 @ 100 Hz.

Product with stand(max height)   807 x 601 x 250 mm

* Response time value equal to SmartResponse

* NTSC Area based on CIE1976

* sRGB Area based on CIE1931

* Adobe RGB Coverage based on CIE1976

* For Video transmission via USB-C, your Notebook/device must support USB-C DP Alt mode

* Activities such as screen sharing, on-line streaming video and audio over the Internet can impact your network performance. Your hardware, network bandwidth and its performance will determine overall audio and video quality.

* For USB-C power and charging function, your Notebook/device must support USB-C standard Power Delivery specifications. Please check with your Notebook user manual or manufacturer for more details.

* If your Ethernet connection seems slow, please enter OSD menu and select USB 3.0 or higher version which can support the LAN speed to 1G.

* Cannot support USB-C vs HDMI for PIP/PBP at the same time

* The monitor may look different from feature images.

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