



Philips Brilliance  
Curved UltraWide LCD  
display

34" / 86.7 cm  
WQHD (3440 x 1440)

**Brilliance**



**BDM3490UC**

## Wide. Beautiful. Curved

Inspired by the world around us

The gentle curve of the Philips Brilliance Curved UltraWide display, puts you at the center of the desktop for a truly immersive experience, like never before.

### Design inspired by the world around us

- Curved display design for more immersive experience
- Edge-to-edge narrow border display for seamless appearance

### Brilliant performance

- CrystalClear images with UltraWide QHD 3440 x 1440 pixels
- AH-IPS display gives awesome images with wide viewing angles
- 99% sRGB color standard for true-to-life color
- MultiView enables active dual connect and view at same time
- Built-in stereo speakers for multimedia
- Enhanced audio with DTS Sound™

### Easy to connect and enjoy

- DisplayPort connection for maximum visuals
- HDMI for quick digital connection
- MHL technology for enjoying mobile content on big screen
- USB 3.0 enables fast data transfers and smart phone charging

**PHILIPS**

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# Highlights

## Curved display design



Desktop monitors offer a personal user experience, which suits a curve design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the center of your desk.

## UltraNarrow Border



The new Philips displays feature ultra-narrow borders which allow for minimal distractions and maximum viewing size. Especially suited for multi-display or tiling setup like gaming, graphic design and professional applications, the ultra-narrow border display gives you the feeling of using one large display.

## UltraWide CrystalClear images



These latest Philips screens deliver CrystalClear, UltraWide Quad HD 3440 x 1440 pixel images.

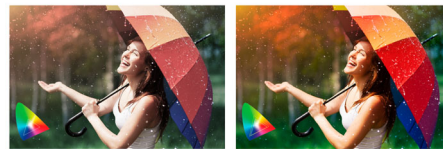
Utilizing high performance panels with high-density pixel count, 178/178 wide viewing angles, these new displays will make your images and graphics come alive. The UltraWide 21:9 format enables more productivity with more room for side-by-side comparisons and more viewable spreadsheet columns. Whether 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.

## AH-IPS technology



IPS displays use an advanced technology which gives you extra wide viewing angles of 172/178 degree, making it possible to view the display from almost any angle. Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

## Full 99% sRGB Color



Typical color

Full color  
99% sRGB

Experience vivid, and true-to-life colors. With over 99% coverage of sRGB color standard, you

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can have confidence the colors you see on the display are accurate and true-to-life.

## MultiView technology

With the ultra high resolution Philips MultiView display you can now experience a world of connectivity in a comfortable way whether at office or at home. MultiView enables active dual connect and view so that you can work with multiple devices like PC and Notebook side-by-side simultaneously, making complex multi-tasking work a breeze. Watching live football feed from your set-top box on right side, while browsing the Internet from your notebook on the left is now easy. You may want to keep an eye on the live news feed with audio in the small window, while working on your latest blog.

## DTS Sound™

DTS Sound is an audio processing solution designed to optimize the playback of music, movies, streaming and games on the PC regardless of form factors. DTS Sound enables an immersive virtual surround sound experience, complete with rich bass and dialog enhancement and maximized volume levels free of any clipping or distortion.

## HDMI ready



HDMI-ready

Enjoy crisp colorful images and audio with simple one-cable connection. An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. An HDMI cable enables high-quality smooth digital video (up to 4K/UHD resolution at 60 Hz) 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).



# Specifications

## Picture/Display

- LCD panel type: AH-IPS LCD
- Backlight type: W-LED system
- Panel Size: 34.1 inch / 86.7 cm
- Effective viewing area: 798.2 (H) x 334.8 (V) - at a 3800R curvature\*
- Aspect ratio: 21:9
- Optimum resolution: 3440 x 1440 @ 60Hz
- Response time (typical): 5 ms (Gray to Gray)\*
- Brightness: 300 cd/m<sup>2</sup>
- Contrast ratio (typical): 1,000:1
- SmartContrast: 50,000,000:1
- Pixel pitch: 0.232 x 0.232 mm
- Viewing angle: 172° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colors: Color support 1.07 billion colors (8 bits + FRC)
- Scanning Frequency: 30 - 99 kHz (H) / 30 - 80 Hz (V)  
- HDMI, 30 - 160 Hz (V) - DisplayPort
- MHL: 1080P @ 60Hz
- sRGB

## Connectivity

- USB: USB 3.0x4 (1 w/fast charging)\*
- Signal Input: DisplayPort 1.2, HDMI 2.0 x 1, HDMI 1.4 (w/MHL) x 1, HDMI 1.4 x 1
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

## Convenience

- Built-in Speakers: 7W x 2 with DTS sound
- MultiView: PIP/PBP mode, 2x devices
- User convenience: SmartImage, Multiview, User, Menu, Power On/Off
- OSD Languages: Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian, Brazil Portuguese, Czech
- Other convenience: Kensington lock
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8.1 / 8 / 7

## Stand

- Tilt: -5/20 degree

## Power

- On mode: 41 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: < 0.5 W (typ.)
- Off mode: < 0.3 W (typ.)

- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: 100-240VAC, 50-60Hz, External

## Dimensions

- Product with stand(max height): 826 x 479 x 220 mm
- Product with stand(max height): 32.5 x 18.9 x 8.7 inch
- Product without stand (mm): 826 x 383 x 88 mm
- Product without stand in inch: 32.5 x 15.1 x 3.5 inch
- Packaging in mm (WxHxD): 962 x 601 x 292 mm
- Packaging in inch (WxHxD): 37.9 x 23.7 x 11.5 inch

## Weight

- Product with stand (kg): 10.28 kg
- Product with stand (lb): 22.6 lb
- Product without stand (kg): 7.77 kg
- Product without stand (lb): 17.1 lb
- Product with packaging (kg): 12.24 kg
- Product with packaging (lb): 26.9 lb

## 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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

## Sustainability

- Environmental and energy: EnergyStar 6.0, EPEAT Silver, TCO edge, RoHS
- Recyclable packaging material: 100 %
- Specific Substances: PVC / BFR free housing, Mercury free, Lead free

## Compliance and standards

- Regulatory Approvals: CE Mark, FCC Class B, SEMKO, cETLus, CU, TCO certified, EPA, WEEE, RCM, UKRAINIAN, CECP, ICES-003, E-standby, TUV/ISO9241-307, SASO, KUCAS

## Cabinet

- Front bezel: Black/Gray
- Rear cover: White
- Foot: Black/Gray
- Finish: Glossy/Texture



Issue date 2017-05-07

Version: 5.0.1

12 NC: 8670 001 31449  
UPC: 6 09585 24915 8

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\* Radius of the arc of the display curvature in mm

\* This Philips display is MHL certified. However, in case your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for direction. The policy of your device manufacturer may require you to purchase their brand specific MHL cable or adapter in order to work

\* Requires optional MHL certified mobile device and MHL cable. (not included) Please check with your MHL device vendor for compatibility.

\* Standby/Off energy saving of ErP is not applicable for the MHL charging functionality

\* For complete list of MHL-enabled products refer to [www.mhlconsortium.org](http://www.mhlconsortium.org)

\* Response time value equal to SmartResponse