



Curved UltraWide LCD display

- 34" / 86.7 cm
- WQHD (3440 x 1440)

BDM3490UC/27

## 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.

### Benefits

#### 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
- Enhanced audio with DTS Sound™

- Built-in stereo speakers for multimedia

#### Easy to connect and enjoy

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

# PHILIPS

## Features

### 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 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



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).

### MHL technology



Mobile High Definition Link (MHL) is a mobile audio/video interface for directly connecting mobile phones and other portable devices to high-definition displays. An optional MHL cable allows you to simply connect your MHL capable mobile device to this large Philips MHL display, and watch your HD videos come to life with full digital sound. Now not only you can enjoy your mobile games, photos, movies, or other apps on its big screen, you can simultaneously charge your mobile device so you never run out of power half way.

## 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.

## USB 3.0 super speed

Super Speed USB 3.0 deploys 5.0 gbit/s transfer rate, which is about 10 times faster than USB 2.0 standard significantly reducing data transfer time saving you time and money. With more bandwidth, super speed transfer rates, better power management and superior overall performance, USB 3.0 sets the latest global standard allowing you to use the large capacity storage devices. Sync-N-Go technology ensures you don't have to wait anymore for bandwidth to be freed up. Your investment in USB 2.0 devices is protected as it is backward compatible.

## Built-in stereo speakers

A pair of high quality stereo speakers built into a display device. It can be visible front firing, or invisible down firing, top firing, rear firing, etc depending on model and design.

## Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

### 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	Yes

### 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
Kensington lock
DDC/CI
Mac OS X
sRGB
Windows 8.1 / 8 / 7

Other convenience  
Plug & Play Compatibility

### Stand

Tilt	-5/20 degree
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### 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
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#### Cabinet

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

\* 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



data subject to change  
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