

Philips Brilliance
4K Ultra HD LCD display
with MultiView

40" (101.6 cm)
4K UHD (3840 x 2160)

Brilliance



BDM4037UW

See the big picture with all the details

with 4K Ultra HD

The expansive 40" class Ultra-HD professional Philips display gives you the room to spread out and see the big picture and all the details in 4K Ultra-High Definition (four times the resolution of full HD)

Curved design inspired by the world around us
- Curved display design for a more immersive experience

Expand your viewing experience
- UltraClear 4K UHD (3840 x 2160) resolution for precision
- UltraColor wider range of colours for a more vivid picture
- Expansive 40-inch class brilliant display
- VA display gives awesome images with a wide viewing angle
- SmartImage presets for easy optimised image settings
- Less eye fatigue with Flicker-Free technology
- MultiView 4K for 4 systems on one screen

Designed for the way you work
- Slim bezel design for a stylish look
- Built-in stereo speakers for multimedia
- USB 3.0 Hub for convenient access and fast charging
- MHL technology for enjoying mobile content on a big screen

PHILIPS

4K Ultra HD LCD display with MultiView
40" (101.6 cm) 4K UHD (3840 x 2160)

BDM4037UW/93

Highlights

Curved display design



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

UltraClear 4K UHD Resolution



These latest Philips displays utilise high-performance panels to deliver UltraClear, 4K UHD (3840 x 2160) resolution images. Whether you are a professional requiring extremely detailed images for CAD solutions, using 3D graphics applications or are a financial wizard working on huge spreadsheets, Philips displays will make your images and graphics come alive.

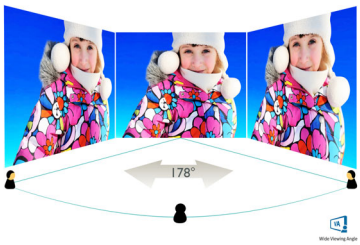
UltraColor Technology



UltraColor

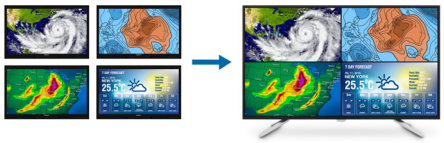
UltraColor Technology delivers a wider spectrum of colours for a more brilliant picture. UltraColor wider "colour gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring media entertainment, images and even productivity more alive and vivid colours from UltraColor Technology.

VA display



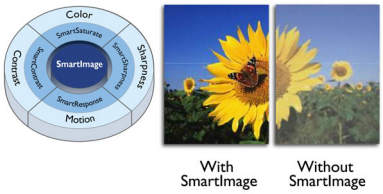
Philips' VA LED display uses an advanced multi-domain vertical alignment technology that gives you super-high static contrast ratios for extra-vivid and bright images. While standard office applications are handled with ease, it is especially suitable for photos, web browsing, films, gaming and demanding graphical applications. Its optimised pixel management technology gives you a 178/178-degree extra-wide viewing angle, resulting in crisp images.

MultiView technology for 4K



Philips MultiView feature on this expansive 4K UHD display enables you to have up to four systems each shown in Full HD on one screen. You can use Picture-by-Picture (PbP) to monitor four systems on one screen for control rooms or security. Or for multiple devices like two notebooks side-by-side simultaneously, making collaboration more productive. Or Picture-in-Picture mode (PiP) watching a live football feed from your set-top box, while working on your PC.

SmartImage



SmartImage is an exclusive leading edge Philips technology that analyses the content displayed on your screen and optimises your display performance. This user-friendly interface allows you to select various modes, like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimises the contrast, colour saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time at the touch of a single button!

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.

Built-in stereo speakers

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

CurvedDisplay
4K Ultra HD
UltraColor
Wide Viewing Angle
MultiView
Flicker-free
SmartImage
Slim
Built-in speakers
SmartConnect

4K Ultra HD LCD display with MultiView
40" (101.6 cm) 4K UHD (3840 x 2160)

BDM4037UW/93

Specifications

Picture/Display
- LCD panel type: VA LCD
- Backlight type: W-LED system
- Panel Size: 40 inch/101.6 cm
- Effective viewing area: 884.74 (H) x 497.66 (V) - at a 3000R curvature*
- Aspect ratio: 16:9
- Optimum resolution: 3840 x 2160 @ 60 Hz
- Response time (typical): 4 ms (Grey to Grey)*
- Brightness: 300 cd/m²
- Contrast ratio (typical): 4000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.230 x 0.230 mm
- Pixel Density: 110 PPI
- Viewing angle: 178° (H)/178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Flicker-free
- Colour gamut: NTSC 85%
- Display colours: Colour support 1.07 billion colours (Dithered 10 bits)
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 76 Hz (V)
- MHL: 1080P @ 60 Hz
- sRGB

Connectivity
- Signal Input: VGA (Analogue), DisplayPort x 2, HDMI (1.4) - MHL x 1, HDMI (2.0) — MHL x 1
- USB: USB 3.0x4 (1 w/fast charging)*
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): PC audio-in, Headphone out

Convenience
- Built-in Speakers: 5 W x 2
- MultiView: PBP (4 x devices), PIP (2 x devices)
- User convenience: SmartImage, Multi-view, User, Menu, Power On/Off
- Control software: SmartControl
- 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, VESA mount (100 x 100 mm)
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Power
- ECO mode: 32.61 W
- On mode: 61.67 W (typ.)
- Standby mode: 0.5 W (typ.)
- Off mode: 0.3 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)
- Power supply: Built-in, 100-240 VAC, 50-60 Hz

Dimensions
- Product with stand (max height): 907 x 640 x 247 mm
- Product without stand (mm): 907 x 529 x 41 mm
- Packaging in mm (W x H x D): 1043 x 731 x 304 mm

Weight
- Product with stand (kg): 11.6 kg
- Product without stand (kg): 11.3 kg
- Product with packaging (kg): 16.42 kg

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: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- MTBF: 70,000 hrs (excluded backlight) hour(s)

Sustainability
- Environmental and energy: RoHS
- Recyclable packaging material: 100 %
- Specific Substances: Mercury free, Lead free

Compliance and standards
- Regulatory Approvals: CCC, WEEE, CECP, CE Mark, SEMKO

Cabinet
- Front bezel: Steel
- Rear cover: Steel / White
- Foot: Silver
- Finish: Hairline/Glossy

Stand
- Tilt: -5/10 degree

Issue date 2016-08-21

Version: 1.0.1

12 NC: 8670 001 39421
EAN: 69 51613 91111 2

© 2016 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

* This Philips display is MHL-certified. However, if your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for instructions. The policy of your device manufacturer may require you to purchase its brand-specific MHL cable or adapter in order for it 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 a complete list of MHL-enabled products, refer to www.mhlconsortium.org
* Radius of the arc of the display curvature in mm
* Fast charging through BC 1.2 standard
* Response time value equal to SmartResponse
* Four inputs required for four systems on one screen.