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, see the big picture and all the details in 4K Ultra High Definition (four times the resolution for full HD)

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

Expand your viewing experience
• UltraClear 4K UHD (3840x2160) resolution for precision
• UltraColor wider range of colors for a more vivid picture
• VA display gives awesome images with wide viewing angle
• SmartImage presets for easy optimized image settings
• Less eye fatigue with Flicker-free technology
• MultiView 4K for 4 systems on one screen
• 1.074 billion colors for smooth color gradations and detail

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 big screen

PHILIPS

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.

UltraClear 4K UHD Resolution

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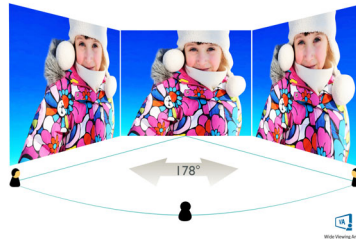
UltraColor Technology

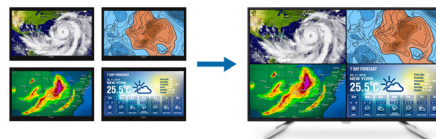UltraColor Technology delivers a wider spectrum of colors for a more brilliant picture. UltraColor wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring, media entertainment, images, and even productivity more alive and vivid colors from UltraColor Technology.

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.
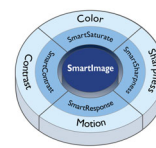
MultiView technology for 4K

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 the Picture-by-Picture (PbP) for monitoring 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 analyzes the content displayed on your screen and gives you optimized 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 optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press 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. It can 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

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 @ 60Hz
- Response time (typical): 4 ms (Gray to Gray)*
- Brightness: 300 cd/m²
- Contrast ratio (typical): 4,000:1
- 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
- Color gamut: NTSC 85%
- Display colors: Color support 1.07 billion colors (Dithered 10 bits)
- Scanning Frequency: 30 - 99 kHz (H) - VGA/HDMI, 30 - 160 kHz (H) - DisplayPort / 56 - 80 Hz (V) - VGA, 23 - 80 Hz (V) - HDMI/DisplayPort
- MHL: 1080P @ 60Hz
- sRGB

Connectivity
- Signal Input: VGA (Analog), 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 (4x devices), PIP (2x devices)
- User convenience: SmartImage, Multiview, 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, Ukranian, Brazil Portuguese, Czech
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7

Power
- ECO mode: 32.61 W
- On mode: 43.74 W (typ.) (EnergyStar 7.0 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: Built-in, 100-240VAC, 50-60Hz

Dimensions
- Product with stand(max height): 909 x 643 x 247 mm
- Product without stand (mm): 909 x 532 x 72 mm
- Packaging in mm (WxHxD): 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: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- MTBF: 70,000 hrs (excluded backlight) hour(s)

Sustainability
- Environmental and energy: EnergyStar 7.0, RoHS
- Recyclable packaging material: 100 %
- Specific Substances: Mercury free, Lead free

Compliance and standards
- Regulatory Approvals: CCC, WEEE, CECP, CE Mark, SEMKO, EPA, FCC Class B, MEPS, PSE

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

Stand
- Tilt: -5/10 degree

* 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.mhlconsortiun.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 4 systems on one screen.