Philips
LED Display

117 cm (46")
edge LED
Full HD

BDL4610Q

Enjoy high performance

with this great value 46" signage display

Deliver startlingly clear images in a more eco-friendly way with the edge LED display. High on performance and reliability, yet low on power consumption, it is ideal for projects where no compromise is accepted.

Lower total cost of ownership
- Power consumption below the industry average

Optimized for public viewing
- Full HD LCD display, 1920x1080p

Operational flexibility
- Edge LED Backlight
- Smart Control Software Suite
- USB Media Playback

Sustainable and safe
- Complies with RoHS standards to care for the environment
- 3 year warranty

PHILIPS

Highlights

Edge LED Backlight

Experience an even dispersion of light with cutting edge LED technology. White LED's (light emitting diodes) are positioned around the rim of the panel to give a more even spread of light. This results in even lower power consumption, less heat to dissipate, and a true, uniform color range.

Full HD LCD display 1920x1080p

This display has a resolution that is referred to as Full HD. The state-of-the-art LCD screen technology has the full high-definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This allows the best possible picture quality for HD input signals with up to 1080 lines. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

Compliant with RoHS standards

Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

USB Playback

Enjoy your own media playback via the USB port. Simply plug in a USB drive, and create your own signage content to convey the marketing messages you want, when you want them. With a wide range of media formats supported, this powerful media player offers an excellent picture and true flexibility.

Smart Control

Control and manage all of the signage displays on your network with this powerful software tool which allows you to change the settings of your display centrally via an RJ45 or RS232 connection. Smart Control allows you to set the video input, modify the color settings, set the display's ID when creating video walls and even diagnose each display's status, giving you all the power you need to manage your displays from one central location.

3 year warranty

Enjoy peace of mind with our comprehensive 3 year warranty. With service centres around the globe, and our quick turnaround, you can be sure that in the most unlikely event of a display malfunctioning, we will find and fix the problem to your full satisfaction within the shortest period of time.

Lower power consumption

Reduction of the electrical power required to operate a device.

Lead Free

Specifications

Picture/Display
- Diagonal screen size (metric): 116.8 cm
- Diagonal screen size (inch): 46 inch
- Aspect ratio: 16:9
- Panel resolution: 1920x1080p
- Pixel pitch: 0.18 x 0.53 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 350 cd/m²
- Display colors: 16.7 Million
- Contrast ratio (typical): 3000:1
- Response time (typical): 8.5 ms
- Viewing angle (horizontal): 178 degree
- Viewing angle (vertical): 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

Connectivity
- PC: VGA-in D-Sub 15HD, RS232 D-Sub9, 3.5 mm PC audio input x1
- USB: USB 2.0 x 2
- AV input: HDMI x2, Audio (L/R) x2, Composite RCA x2
- AV output: SPDIF Out, Composite RCA x1
- Other connections: Component RCA x1

Convenience
- Placement: Landscape
- Screen saving functions: Pixel Shift, Low Brightness
- Keyboard control: Hidden
- Network controllable: RS232
- Packaging: Reusable box

Sound
- Built-in speakers: 2 x 10W RMS

Power
- Consumption (On mode): 160W
- Standby power consumption: <0.5W

Supported Display Resolution
- Computer formats: 640 x 480, 60, 67, 72, 75Hz, 800 x 600, 56, 60, 72, 75Hz, 1024 x 768, 60Hz, 1280 x 768, 60Hz, 1280 x 800, 60Hz, 1360 x 768, 60Hz, 1366 x 768, 60Hz, 1440 x 900, 60Hz, 1920 x 1080, 60Hz
- Video formats: 480i, 60Hz, 480p, 60Hz, 576p, 50Hz, 576i, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz

Dimensions
- Bezel thickness: 22mm (45mm bottom)
- Set Width: 1065.9 mm
- Set Height: 643 mm
- Set Depth: 56.6 mm
- Wall Mount: 400 x 400 mm
- Set weight: 15.49 kg
- Set weight (lb): 34.15 lb

Technical specifications
- Backlight: Edge LED

Operating conditions
- Temperature range (operation): 0 - 40 °C
- MTBF: 50,000 hour(s)
- Relative humidity: 20-80 %

Multimedia Applications
- Playback Formats: JPEG Still pictures, MP3, MPEG4, AAC LC, AC3, BMP Still pictures, GIF still pictures, M4A, MOV, PNG still pictures, RMVB (RealMedia var. bitrat), WMA

Accessories
- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, VGA cable, User manual on CD-ROM, Quick start guide
- Stand: BM04246 (Optional)

Miscellaneous
- On-Screen Display Languages: English, French, German, Italian, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Turkish
- Warranty: Global: 3 years
- Regulatory approvals: CE, FCC, Class B, CCC, RoHS, UL/cUL, C-Tick