Philips
LCD monitor

117 cm (46")
multimedia
Full HD

BDL4651VH

Stunning picture quality

even in locations with high ambient brightness

Deliver crystal clear marketing messages, even in locations with lots of sunlight or bright conditions. The 1500 nit LCD display brings you incredible picture quality just about anywhere.

Lower total cost of ownership
- SmartPower for energy saving
- Brightness automatically adjusts with ambient conditions

Optimised for public viewing
- Full HD LCD display, 1920 x 1080p
- Slim bezel design for a stylish look
- Projects a high brightness picture even in daylight

Operational flexibility
- Ideal for Sunlight Applications
- Enhanced zoom feature supports tiled matrix applications
- Smart insert in the back cover to place a small PC

Sustainable and safe
- Temperature sensor measures the health condition
- Complies with RoHS standards of care for the environment

PHILIPS

Highlights

High brightness — 1500 nits

Enjoy an excellent visual experience even in areas illuminated by direct sunlight thanks to the 1500-nit panel. The high brightness offers a wide array of new implementation possibilities especially in locations that have high ambient light levels, delivering crystal-clear images for almost all locations where ambient brightness is an issue. However, it is vital to make sure that the display is thermally conditioned in an air-conditioned enclosure for such installations. Please see instruction book for details on environmental operating conditions.
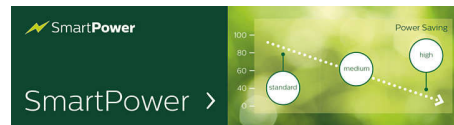
Ideal for Sunlight Application

With an ultra high brightness panel, this model is ideal for installations in all kinds of environments, even in direct sunlight. However, it is vital to make sure that the display is thermally conditioned in an air-conditioned enclosure for such installations to ensure that black spots do not appear on the panel.

Slim bezel

A slim bezel design adds a stylish look to a public display to blend in nicely in just about any environment. Furthermore, this design makes the display ideal for tiled matrix video walls.

SmartPower

The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

Automatic brightness control

The adjustment of display settings to correspond with ambient light without user intervention.

Full HD LCD display 1920 x 1080p

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 colours. 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.
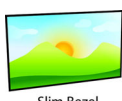
Temperature sensor

This public display contains a temperature sensor to monitor the internal health condition. If the internal temperature exceeds the pre-set threshold, two internal fans will be automatically activated to cool down the display to normal conditions.
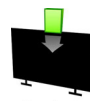
Smart Insert

Professional PCs are part of most public signage installations. Quite often they increase the overall depth of the display and cause a lot of cable clutter. So we have designed this display with Smart insert in the back cover, which is ideal for the integration of a professional small form factor PC. On top of that, the cable management system offers a great solution to keep your cables neat and professional-looking.
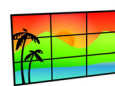
Zoom function for tiled matrix

The internal zoom function enables easy implementation of a video wall matrix, without the need for expensive external equipment. Capable of many different configurations, creating a stunning video wall has become simplicity itself.

SmartPower

Slim Bezel

FULL HD DISPLAY

Smart Insert

VIDIWALL

Portrait Mounting

DVI digital visual interface

Lead Free

Specifications

Picture/Display
- Diagonal screen size (metric): 117 cm
- Diagonal screen size (inch): 46 inch
- Aspect ratio: 16:9
- Panel resolution: 1920 x 1080p
- Pixel pitch: 0.53 x 0.53 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 1500 cd/m²
- Display colours: 16.7 million colours
- Contrast ratio (typical): 4000:1
- 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, Motion compens. deinterlacing, Progressive scan, Dynamic contrast enhancement

Connectivity
- PC: VGA-in D-Sub 15HD, VGA-out D-Sub 15HD, DVI-D x 1, RS232 D-Sub9, RS232 D-sub9 output, 3.5 mm PC audio input x 1
- AV input: HDMI x 1, Audio (L/R) x 2
- AV output: Audio (L/R) x 1
- Other connections: External loudspeaker connector, AC-out, Component RCA x1

Convenience
- Placement: Portrait, Landscape
- Picture in picture: PIP
- Tiled Matrix: Up to 5 x 5
- Keyboard control: Hidden, Lockable
- Remote control signal: Lockable
- Signal loop through: RS232, VGA
- Ease of installation: Carrying Handles, Smart Insert, AC Out
- Energy-saving functions: Ambient light sensor, Smart Power
- Safety control functions: Heat Control, Temperature Sensor
- Picture performance: Advanced colour control
- Network controllable: RS232
- Packaging: Reusable box

Sound
- Built-in speakers: 2 x 12 W (RMS)

Power
- Mains power: 90-264 V AC, 50/60 Hz

- Consumption (On mode): Typ 213 W
- Standby power consumption: <1 W

Supported Display Resolution
- Computer formats: 1024 x 768, 60 Hz, 1280 x 768, 60 Hz, 1280 x 800, 60 Hz, 1360 x 768, 60 Hz, 1366 x 768, 60 Hz, 1440 x 900, 60 Hz, 1600 x 1200, 60 Hz, 1920 x 1080, 60 Hz, 1920 x 1200, 60 Hz, 640 x 480, 60, 67, 72, 75 Hz, 800 x 600, 56, 60, 72, 75 Hz
- Video formats: 1080i, 50, 60 Hz, 1080p, 50, 60 Hz, 480i, 60 Hz, 480p, 60 Hz, 576i, 50 Hz, 576p, 50 Hz, 720p, 50, 60 Hz

Dimensions
- Bezel thickness: 20 mm
- Set Width: 1060 mm
- Set Height: 616.5 mm
- Set Depth: 124.2 mm
- Set Width (inch): 41.7 inch
- Set Height (inch): 24.3 inch
- Wall Mount: 400 x 200 mm
- Set Depth (inch): 4.9 inch

Product dimensions
- Width: 106.04 cm
- Width: 41.7 inch
- Height: 61.65 cm
- Height: 24.3 inch
- Depth: 13.88 cm
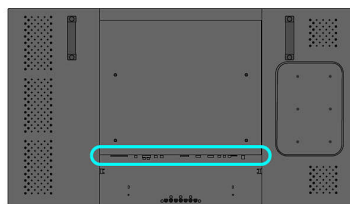- Depth: 5.5 inch

Operating conditions
- Temperature range (operation): 0 - 40 °C
- MTBF: 60,000 hour(s)
- Relative humidity: 5 - 90 %

Accessories
- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, VGA cable, User manual on CD-ROM, Quick start guide
- Stand: BM05211

Miscellaneous
- Bezel: metallic anthracite
- On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese

- Warranty: Europe/North America 3 years
- Regulatory approvals: CE, FCC, Class B, UL/cUL, CCC, RoHS

Packaging dimensions
- EAN: 87 12581 60485 1
- Number of products included: 1
- Packaging type: Carton

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