

Philips Signage Solutions
Video Wall Display

55"

Direct LED Backlight
Full HD
500 cd/m²

BDL5588XL



Create new stopping power

with Ultra-Narrow Bezel displays

Impress your audience with the most impactful video wall. With ultra-narrow bezel and stunning picture quality, you are sure to create the most memorable visual experience

Optimised for public viewing

- Full HD LED technology for brilliant images
- IPS wide view technology for image and colour accuracy
- Designed for 24/7 operation

Innovative solutions for any signage application

- Optional OPS Insert to create an all-in-one solution

Maximising the impact of your message

- Immersive visual experience with Ultra-Narrow Bezel
- Colour Calibration kit to ensure uniform colours
- Manage and control your video wall remotely via SmartControl

Care about you, your business and your audience

- SmartPower for energy saving
- Keep your content up and running with FailOver

PHILIPS

Highlights

Full HD LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content, which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of the LCD backlight, resulting in a super high contrast ratio. It also gives superior colour reproduction thanks to consistent brightness across the screen.

IPS Display Technology

Philips IPS displays uses an advanced technology, which gives you extra-wide viewing angles of 178/178 degrees, making it possible to view the display from almost any angle — even in portrait mode. IPS displays give you remarkably crisp images with vivid colours, particularly suitable for professional video wall and menu board applications, which demand colour accuracy and consistent brightness at all times.

Ultra-Narrow Bezel



The next generation of video wall displays is designed with the industry's narrowest bezels and advanced alignment solutions. Fully exploit your impactful signage content with ultra-narrow bezel displays, and make sure your message does not get lost in thick bezels. With the ultra-narrow bezels you can create seamless video wall configurations of virtually any size.

SmartControl



Connect and control your video wall from a central admin computer. SmartControl is display-based software for managing your network of displays from a single location via RJ45 and RS232. Easily identify your displays and fine-tune all display settings including resolution, brightness, contrast and SmartPower.

Advanced Colour Calibration



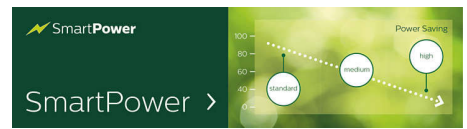
The Advanced Colour Calibration kit controls the luminance of the backlight, standardises the gamma curve and calibrates the greyscale of your display network. Whether you have an impressive video wall, a catchy mosaic layout, a menu board installation or a control room, each display can be adjusted to the same colour values. With this optional kit you can ensure consistent colour performance over all displays in your network.

FailOver



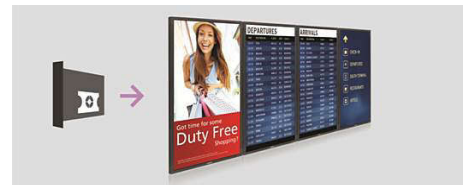
Keeping your content up and running is critical for demanding commercial applications. While it is unlikely you will face a content disaster, FailOver provides content protection with a revolutionary technology that plays back-up content on screen in the event of a media player failure. FailOver automatically kicks in when the primary input fails. Simply select a primary input connection and a FailOver connection and you're ready for instant protection.

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.

OPS Insert



Turn your display into an all-in-one digital signage solution and create a display network that is connected, intelligent and secure. Open Pluggable Specification (OPS) is an industry-standard slot into which you can add an OPS-standardised media player. This cable-free solution gives you the ability to install, use or maintain your hardware whenever you need to.



Specifications

Connectivity

- Audio output: Audio Left/Right (RCA), External speaker connector
- Video input: Component (RCA), Composite (RCA), DVI-D, HDMI (x 2), VGA (Analogue D-Sub), DisplayPort (1.2)
- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Other connections: OPS
- Video output: DisplayPort, DVI-I, VGA (via DVI-I)
- External control: IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack

Picture/Display

- Diagonal screen size (metric): 138.7 cm
- Diagonal screen size (inch): 54.6 inch
- Aspect ratio: 16:9
- Panel resolution: 1920 x 1080p
- Pixel pitch: 0.63 x 0.63 mm
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 500 cd/m²
- Display colours: 1073 M
- Contrast ratio (typical): 1400:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 12 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

Convenience

- Placement: Portrait, Landscape
- Tiled Matrix: Up to 10 x 10
- Screen-saving functions: Pixel Shift, Low Bright
- Signal loop through: RS232, VGA, DisplayPort, DVI, IR Loop through
- Ease of installation: Carrying Handles
- Energy-saving functions: Ambient light sensor, Smart Power
- Network controllable: RS232, RJ45, Card OPS RS232, One Wire (HDMI-CEC)

Sound

- Built-in speakers: 2 x 10 W (RMS)

Power

- Consumption (On mode): 110 W (EnergyStar 6.0

test method)

- Standby power consumption: <0.5 W

Supported Display Resolution

- Computer formats: 640 x 480, 60, 67, 72, 75 Hz, 800 x 600, 56, 60, 72, 75 Hz, 1024 x 768, 60 Hz, 1280 x 768, 60 Hz, 1280 x 800, 60 Hz, 1280 x 1024, 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
- Video formats: 480i, 60 Hz, 480p, 60 Hz, 576p, 50 Hz, 576i, 50 Hz, 720p, 50, 60 Hz, 1080i, 50, 60 Hz, 1080p, 50, 60 Hz

Dimensions

- Bezel thickness: 3.5 mm A-to-A
- Set Width: 1213.4 mm
- Product weight: 29.2 kg
- Set Height: 684.2 mm
- Set Depth: 103.35 mm
- Wall Mount: 400 x 400 mm
- Bezel width: Top/Left: 2.3 mm, Bottom/Right: 1.2 mm

Operating conditions

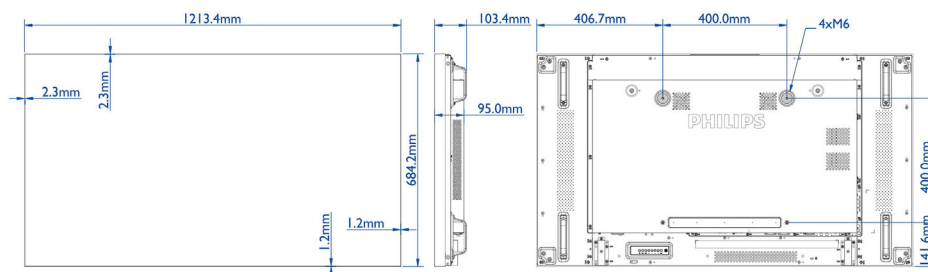
- Altitude: 0 ~ 3000 m
- Temperature range (operation): 0 ~ 40 °C
- MTBF: 50,000 hour(s)
- Relative humidity: 20 ~ 80 %
- Temperature range (storage): -20 ~ 60 °C

Accessories

- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, VGA cable, RS232 cable, User manual on CD-ROM, Quick start guide, Edge alignment pins, Edge alignment plates
- Optional accessories: Edge finishing kit, ColourCalibrationKit (CCK4602), HDBaseT OPS Receiver (CRD25)

Miscellaneous

- On-Screen Display Languages: Arabic, Simplified Chinese, Traditional Chinese, English, French, German, Italian, Japanese, Polish, Russian, Spanish, Turkish
- Warranty: 3 year warranty
- Regulatory approvals: CE, FCC, Class B, UL/cUL, CB, GOST, EPEAT



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