Philips Signage Solutions
Video Wall Display

55"
Direct LED Backlight
Full HD
500 cd/m²

SignageSolutions

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

### 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

### Innovative solutions for any signage application
- Optional OPS Insert to create an all-in-one solution

### Care about you, your business and your audience
- SmartPower for energy saving
- Keep your content up and running with FailOver

SmartCollection

PHILIPS

Video Wall Display
55" Direct LED Backlight, Full HD, 500 cd/m²

BDL5588XL/00

# 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 24/7 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.

### Designed for 24/7 operation
Because business never sleeps, our signage displays are designed for 24/7 use. Taking advantage of superior components to ensure a higher level of quality, you can count on this range of models for complete around-the-clock reliability.

SmartCollection

### SmartCollection
SmartCollection offers you customisable solutions to meet your specific requirements.
Both integrators and solution providers are offered the latest innovations, while the audience can enjoy impactful solutions. When developing smart innovations we focus on Caring, Innovative and Impactful solutions.

SmartPower SmartControl Advanced ColourCalibration UltraNarrow Bezel FailOver

Video Wall Display
55" Direct LED Backlight, Full HD, 500 cd/m²

BDL5588XL/00

# Specifications

## Picture/Display
- Diagonal screen size: 54.6 inch / 138.7 cm
- Panel resolution: 1920 x 1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 500 cd/m²
- Contrast ratio (typical): 1400:1
- Dynamic contrast ratio: 500,000:1
- Response time (typical): 12 ms
- Aspect ratio: 16:9
- Viewing Angle (H / V): 178 / 178 degree
- Pixel pitch: 0.63 x 0.63 mm
- Display colours: 1073 M
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

## Supported Display Resolution
- Computer formats

| Resolution | Refresh rate |
|---|---|
| 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

| Resolution | Refresh rate |
|---|---|
| 480i | 60 Hz |
| 480p | 60 Hz |
| 576p | 50 Hz |
| 576i | 50 Hz |
| 720p | 50, 60 Hz |
| 1080i | 50, 60 Hz |
| 1080p | 50, 60 Hz |

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

## Convenience
- 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)
- Placement: Portrait, Landscape
- Screen-saving functions: Pixel Shift, Low Bright
- Tiled Matrix: Up to 10 x 10

## Dimensions
- Bezel thickness: 3.5 mm A-to-A
- Bezel width: Top/Left: 2.3 mm, Bottom/Right: 1.2 mm
- Set dimensions (W x H x D): 1213.4 x 684.2 x 103.35 mm
- Product weight: 29.2 kg
- VESA Mount: 400 x 400 mm

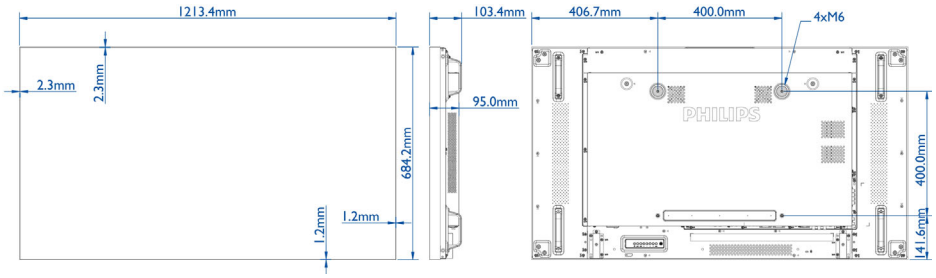
## Operating conditions
- Temperature range (operation): 0 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- Altitude: 0 ~ 3000 m
- Relative humidity: 20 ~ 80 %
- MTBF: 50,000 hour(s)

## Power
- Consumption (On mode): 110 W (EnergyStar 6.0 test method)
- Standby power consumption: <0.5 W

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

## 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 (CCK4601), HDBaseT OPS Receiver (CRD25)

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




Issue date 2014-11-07
Version: 4.3.1
12 NC: 8670 001 22362
EAN: 87 12581 73040 6

© 2014 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