

Video Wall Display

- 55"
- Direct LED Backlight
- Full HD
- 500 cd/m²

BDL5588XL/00

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

Benefits

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
- Manage and control your video wall remotely via SmartControl
- Colour Calibration kit to ensure uniform colours

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

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

Features

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

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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



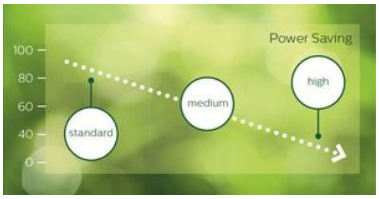
The Advanced Colour Calibration kit controls the luminance of the backlight, standardises the gamma curve and calibrates the greyscale of your display network. Whether you have an impressive video wall, a catchy mosaic layout, a menu board installation or a control room, each display can be adjusted 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.

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.

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Picture/Display

Diagonal screen size (metric)	138.7 cm
Diagonal screen size (inch)	54.6 inch
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 (horizontal)	178 degree

Viewing angle (vertical)	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	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

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 Width	1213.4 mm
Set Height	684.2 mm
Set Depth	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



data subject to change
2017, March 31

Version: 4.3.1
EAN: 8712581730406

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