

Philips
LED Display

140 cm (55")
direct LED
Full HD



BDL5585XL

Hold your audience spellbound

with this high performance LCD display

Delivering your marketing messages has never been so stylish. With a super narrow bezel and a whole host of features, this display can fit in seamlessly as a standalone unit or as a part of a striking video wall.

Operational flexibility

- Direct LED Backlight
- Display Port for faster graphics support
- Many Functions. One Wire
- Network Controllability: RJ45
- DVI Daisy Chain
- Smart insert in the backcover to place a small pc
- Enhanced zoom feature supports tiled matrix applications

Lower total cost of ownership

- SmartPower for energy saving
- Brightness automatically adjusts with ambient conditions

Optimized for public viewing

- Full HD LCD display, 1920x1080p
- High brightness for clearer images

PHILIPS

Highlights

Direct LED Backlight
Enjoy superior light uniformity with a direct LED backlight which gives you even greater contrast ratios. Purer whites bring an even wider color gamut enhancing the color rendering, making your viewing experience more enjoyable than ever before. And with substantially lower power consumption, your overall TCO is lower too.

One Wire
Take full control of your display by running all operational commands as well as your video signal through just one single HDMI cable. This unique feature makes it so much easier and more convenient to ensure the smooth running and maintenance of your display. Consumer Electronics Control (CEC) commands make finding out vital information about your display absolute childsplay.

RJ45
Simple management of your display is available thanks to the introduction of a LAN (RJ45) port. You can configure each display or find out the status of each device quickly and conveniently via an RJ45 connection.

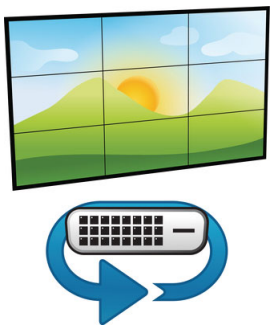
Display Port
Enjoy crystal clear images with the high-bandwidth graphics support of the Display Port. As well as transmitting full high-definition video the Display Port will also transmit audio, thus eliminating the need for extra cables.

Smart Insert
Professional PC's are part of most public signage installations. Quite often they increase the overall depth to 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.

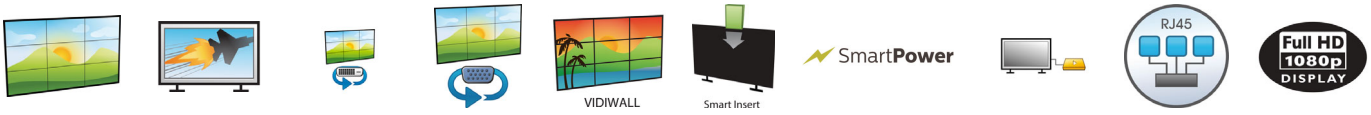
SmartPower
The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

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.

High brightness
Enjoy a clearer image in areas with greater ambient brightness thanks to the 700 nit panel. Your audience can enjoy better image quality in locations that are away from direct sunlight yet still brighter than average, optimizing the viewing experience.

DVI Daisy Chain


Create a digital video wall of up to 150 displays in a 15 x 10 configuration with a DVI daisy chain. Simply connect the DVI Out port to a DVI in of another display to create the most stunning video wall experience around.



LED Display
140 cm (55") direct LED, Full HD

BDL5585XL/00

Specifications

Picture/Display
- Diagonal screen size: 55 inch / 139.7 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 700 cd/m²
- Contrast ratio (typical): 3000:1
- Aspect ratio: 16:9
- Viewing angle (H / V): 178 / 178 degree
- Pixel pitch: 0.63 x 0.63 mm
- Display colors: 1.07 Billion
- 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, 75Hz
800 x 600	56, 60, 72, 75Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 800	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1366 x 768	60Hz
1440 x 900	60Hz
1600 x 1200	60Hz
1920 x 1080	60Hz
1920 x 1200	60Hz

- Video formats

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

Connectivity
- PC: VGA-in D-Sub 15HD, VGA-out D-Sub 15HD, DVI-D x1, RS232 D-Sub9, RS232 D-sub9 output, 3.5 mm PC audio input x1, RJ45
- AV input: Component (BNC) x1
- Other connections: Display Port, DVI Out, USB, HDMI

Convenience
- Tiled Matrix: Up to 15 x 10
- Picture in picture: PBP, PIP, POP
- Signal Loop Through: RS232, VGA
- Keyboard control: Hidden
- Ease of installation: AC Out, Carrying Handles, Smart Insert
- Energy saving functions: Ambient light sensor, Smart Power
- Network controllable: RS232, RJ45
- Placement: Portrait, Landscape

Dimensions
- Bezel thickness: 5.5 mm total between panels
- Set dimensions (W x H x D): 1215 x 686 x 126 mm
- Set dimensions in inch (W x H x D): 47.8 x 27.0 x 5.0 inch
- VESA Mount: 400 x 200 mm

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

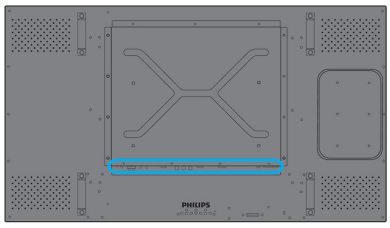
Power
- Consumption (On mode): 150W
- Standby power consumption: <1W

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

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

Miscellaneous
- On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese
- Regulatory approvals: CE, FCC, Class B, UL/cUL, CCC, RoHS

Packaging dimensions
- EAN: 87 12581 60492 9
- Number of products included: 1
- Packaging type: Carton





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Version: 13.3.2

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