



## Philips

### Q-Line Display

- 32"
- Edge LED Backlight
- Full HD

BDL3220QL/00

# Intensify your signage experience

with priceless smart performance

Deliver startlingly clear images in a more eco-friendly way with the edge LED display. High on performance and reliability, yet low on power consumption, it is ideal for projects where no compromise is accepted.

## Benefits

### Optimised for public viewing

- Full HD LED technology for brilliant images
- AMVA for wide-view super-high contrast, vivid images

### Operational flexibility

- Smart Control Software Suite
- Featuring HTML5 Opera browser optimised for digital signage
- Connect your display and start sharing with DLNA
- USB Media Playback
- Schedule what you want, when you want

### Lower total cost of ownership

- SmartPower for energy saving
- Power consumption below the industry average

### Sustainable and safe

- Complies with RoHS standards of care for the environment
- 3-year warranty

## Features

### AMVA Display Technology

Philips AMVA LED display uses an advanced multi-domain vertical alignment technology which gives you super-high static contrast ratios for extra vivid and

bright images. While standard applications are handled with ease, it is especially suitable for graphical demanding applications. Its optimised pixel

# PHILIPS

management technology gives you a 178/178 degree extra wide viewing angle, resulting in crisp images.

### Smart Control

Control and manage all of the signage displays on your network with this powerful software tool, which allows you to change the settings of your display centrally via an RJ45 or RS232 connection. Smart Control allows you to set the video input, modify the colour settings, set the display's ID when creating video walls and even diagnose each display's status, giving you all the power you need to manage your displays from one central location.

### Share and Stream with DLNA

Simply share and stream content from your mobile device or media player to your display with all DLNA compliant media devices. Connect each display with an ethernet cable and manage your content in real time within your local network. Simply connect your display and start sharing.

### USB Playback

Enjoy your own media playback via the USB port. Simply plug in a USB drive and create your own signage content to convey the marketing messages you

want, when you want them. With a wide range of media formats supported, this powerful media player offers an excellent picture and true flexibility.

### 24-hour scheduling function

You can freely schedule the right content at the right time to satisfy your customer information needs. Mix and manage your content over multiple video input signals such as USB, VGA, DVI and HDMI. Simply create one or more playlists with the scheduling function to be in control of your content 24 hours a day, 7 days a week.

### 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.

### 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.

## 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)	80 cm
Diagonal screen size (inch)	31.5 inch
Panel resolution	1920 x 1080p
Optimum resolution	1920 x 1080 @ 60 Hz
Brightness	350 cd/m <sup>2</sup>
Contrast ratio (typical)	3000:1
Response time (typical)	6.5 ms
Aspect ratio	16:9
Viewing angle (horizontal)	178 degree
Viewing angle (vertical)	178 degree
Pixel pitch	0.12125 x 0.36375 mm
Display colours	16.7 Million
Surface treatment	Anti-Glare coating
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 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	DVI-D HDMI VGA (Analogue D-Sub) USB Component (RCA) Composite (RCA)
Audio input	3.5-mm jack Audio Left/Right (RCA)
Audio output	SPDIF Audio Left/Right (RCA)
External control	RJ45 RS232C (in/out) 2.5 mm jack IR (in/out) 3.5 mm jack

### Convenience

Screen-saving functions	Pixel Shift, Low Brightness
Keyboard control	Hidden
Network controllable	RS232
Signal Loop Through	RS232

### Dimensions

Set Width	745.0 mm
Set Height	439.5 mm
Set Depth	39.8 mm
Bezel width	19 mm
Product weight	6.5 kg
VESA Mount	200 x 100 mm
Box width	821.0 mm
Box height	557.0 mm
Box depth	119.0 mm
Weight incl. Packaging	9.0 kg

### Operating conditions

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

## Power

Consumption (On mode)	36 W (EnergyStar 6.0 test method)
Standby power consumption	<0.5 W

## Sound

Built-in speakers	2 x 10 W RMS
-------------------	--------------

## Accessories

Included accessories	AC Power Cord RS232 cable VGA cable Remote Control Batteries for remote control User manual on CD-ROM Quick start guide
----------------------	---

## Multimedia Applications

USB Playback Video	3G2 3GP ASF ASX AVI DAT DivX F4V FLV M2TS M4V MK3D MKV MOV MP4 MPE MPEG MPG MTS QT TRP TS TTS VOB
--------------------	--

USB Playback Picture

USB Playback Audio

WEBM  
WMV  
Xvid  
BMP  
GIF  
JPEG  
JPG  
AAC  
AC3  
AIF  
AIFF  
AMR  
EC3  
M4A  
MP3  
OGA  
OGG  
WAV  
WMA

## Miscellaneous

Warranty  
On-Screen Display  
Languages

3-year warranty  
English  
French  
German  
Italian  
Polish  
Turkish  
Russian  
Simplified Chinese  
Spanish  
Traditional Chinese

Regulatory approvals

CE  
FCC, Class B  
CCC  
RoHS  
UL/cUL  
C-Tick  
BSMI  
CB  
GOST



data subject to change  
2015, August 6

Version: 2.0.1  
EAN: 8712581659837

© 2015 Koninklijke Philips Electronics N.V.  
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

[www.philips.com](http://www.philips.com)