

# PHILIPS

U-Line Display

Signage Solutions

84"

Edge LED Backlight

Ultra HD

BDL8470EU



## Captivate your audience

With an ultra-large screen experience

Experience your content like never before thanks to four times the resolution of a conventional display. This ultra-large 84" display offers 3840 x 2160 pixels so refined, so lifelike, it's a window to a new world

### Optimised for public viewing

- Portrait mode operability
- Designed for 24/7 operation
- 4K Ultra HD: resolution like you've never seen before

### Innovative solutions for any signage application

- Connect and control your content via the cloud with HTML5
- Schedule what you want, when you want with SmartPlayer
- Optional OPS Insert to create an all-in-one solution
- Play content from 4 separate inputs with QuadViewer

### Maximising the impact of your message

- Manage and control your network remotely via SmartControl

### Care about you, your business and your audience

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

## Highlights

### 4K Ultra-HD Resolution

See your Signage Solutions like never before thanks to four times the resolution of a conventional Full HD display. 3840 x 2160 pixels provide an image so refined, so lifelike, it's a window to a new world.

### Portrait mounting possible

This display can also be safely and reliably mounted in portrait position.

### SmartControl



SmartControl lets you remotely control and manage your network of displays via RJ45 and RS232C. Easily fine-tune all display settings including resolution, brightness, contrast and cloning of your settings over your complete network.

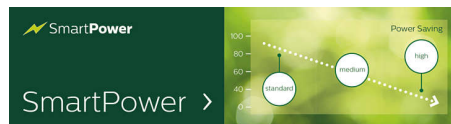
### FailOver



Keeping your content up and running is critical for demanding commercial applications. While it is unlikely you will face a content disaster,

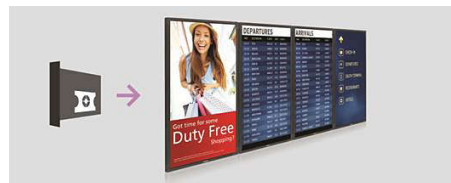
FailOver provides content protection with a revolutionary technology that plays back-up content on screen in the event of a media player failure. FailOver automatically kicks in when the primary input fails. Simply select a primary input connection and a FailOver connection and you're ready for instant protection.

### SmartPower



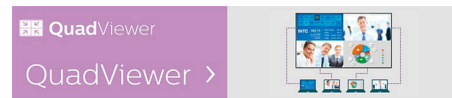
The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

### 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.

### QuadViewer



Be more flexible with your screen real estate. With the ability to play content from up to four separate inputs, all on one screen, QuadViewer is ideal for control rooms, corporate environments and meeting rooms.

### SmartBrowser



Connect and control your content via the cloud with the integrated HTML5 browser. Design your signage content online and connect it with a display or with your entire network. Simply plug in a RJ45 Internet cable for network connection and connect the display with the dedicated URL address, and you are ready to play your cloud-based content.

### SmartPlayer



Turn your USB into a true cost-effective digital signage device. Simply save your content (video, audio, pictures) on your USB and plug into your display. Create your playlist and schedule your content via the on-screen menu, and enjoy your own playlists anytime, anywhere.

# Specifications

## Picture/Display

Diagonal screen size (metric): 213.5 cm

Diagonal screen size (inch): 84 inch

Aspect ratio: 16:9

Pixel pitch: 0.4845 x 0.4845 mm

Optimum resolution: 3840 x 2160 @ 60 Hz

Brightness: 500 cd/m<sup>2</sup>

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, 3D MA deinterlacing, Dynamic contrast enhancement, Motion compens. deinterlacing, Progressive scan

Panel technology: IPS

## Connectivity

Audio output: 3.5 mm jack, External speaker connector

Video input: VGA (Analogue D-Sub), DisplayPort (1.2), DVI-D, HDMI (x 3), Composite (BNC), Component (BNC)

Audio input: 3.5 mm jack

Other connections: USB, OPS

Video output: DisplayPort

External control: RS232C (in/out) 2.5 mm jack, RJ45

## Convenience

Placement: Landscape, Portrait

Screen-saving functions: Pixel Shift, Low Brightness

Keyboard control: Hidden, Lockable

Remote control signal: Lockable

Signal loop through: RS232, DisplayPort

Ease of installation: Smart Insert

Energy-saving functions: Smart Power

Other convenience: Carrying handles

Network controllable: RS232, HDMI (One Wire), LAN (RJ45)

## Sound

Built-in speakers: 2 x 10 W RMS

## Power

Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz

Consumption (Typical): 400 W

Standby power consumption: <0.5 W

## Dimensions

Set Width: 1910.00 mm

Product weight: 70 kg

Set Height: 1102.00 mm

Set Depth: 77.80 mm

Wall Mount: 600 x 500 mm, M8

Bezel width: 22.60 (R/L), 25.60 (T/B) mm

Product weight (lb): 154 lb

## Operating conditions

Temperature range (operation): 5 ~ 40 °C

MTBF: 50,000 hour(s)

Relative humidity: 20 ~ 80 %

Temperature range (storage): -20 ~ 60 °C

## Accessories

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

Optional accessories: ColourCalibrationKit (CCK4602), HDBaseT OPS Receiver (CRD25)

## Miscellaneous

On-Screen Display Languages: English, French, German, Italian, Polish, Russian, Spanish, Turkish, Simplified Chinese, Traditional Chinese, Arabic, Japanese

Warranty: 3 year warranty

Regulatory approvals: CE, UL/cUL, CCC, C-Tick, RoHS, GOST, FCC, Class A

