

# PHILIPS



P-Line Display

Signage Solutions

55"

UHD Panel

750cd/m<sup>2</sup>



55BDL3117P

## Power and flexibility

Brighter content with 24/7 performance.

Made for 24/7 operation, the robust Philips P-Line digital signage display stands the test of time. Clear UHD picture quality and high-brightness make it perfect for demanding environments such as retail, transportation and food & beverage.

### Robust system solution

- Energy-saving automatic backlight control
- FailOver ensures content is always playing
- Sophistication and intelligence with SDM-L

### Effortless setup. Total control.

- Operate, monitor and maintain with CMND & Control

### Brilliant picture. Strong build.

- D-image: clinically accurate imaging
- Robust metal housing

# Specifications

## Picture/Display

**Diagonal screen size (metric):** 138.7 cm  
**Diagonal screen size (inch):** 54.6 inch  
**Aspect ratio:** 16:9  
**Panel resolution:** 3840 x 2160  
**Pixel pitch:** 0.315 x 0.315 mm  
**Optimum resolution:** 3840 x 2160 @ 60Hz  
**Brightness:** 750 cd/m<sup>2</sup>  
**Display colors:** 1.07 billion  
**Contrast ratio (typical):** 5000:1  
**Dynamic contrast ratio:** 500,000:1  
**Response time (typical):** 8 ms  
**Viewing angle (horizontal):** 178 degree  
**Viewing angle (vertical):** 178 degree  
**Panel technology:** VA  
**Haze:** 25 %

## Connectivity

**Audio output:** 3.5mm jack  
**Video input:** Display Port 1.2 (x1), DVI-I (x 1), USB 2.0 (x1), HDMI 2.0 (x3)  
**Audio input:** 3.5 mm jack  
**Other connections:** Micro SD (x1), SDM-L, Thermal sensor  
**Video output:** DisplayPort 1.2 (x1), HDMI 2.0 (x1)  
**External control:** IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack, Ambient Light Sensor

## Convenience

**Placement:** Landscape (24/7), Portrait (24/7)  
**Tiled Matrix:** Up to 15 x 15  
**Screen saving functions:** Pixel Shift, Low Bright  
**Keyboard control:** Hidden, Lockable  
**Signal loop through:** DisplayPort, RS232, HDMI, IR Loophrough  
**Ease of installation:** Carrying Handles  
**Energy saving functions:** Smart Power  
**Network controllable:** RS232, RJ45

## Sound

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

## Power

**Mains power:** 100 ~ 240 VAC, 50 ~ 60 Hz  
**Consumption (Typical):** 150 W  
**Consumption (Max):** 300 W  
**Standby power consumption:** <0.5 W  
**Energy Label Class:** G

## Supported Display Resolution

**Computer formats:** 640 x 480, 60, 67, 72, 75Hz, 720 x 400, 70Hz, 800 x 600, 56, 60, 72, 75Hz, 1024 x 768, 60, 70, 75Hz, 1152 x 864, 75Hz, 1152 x 870, 75Hz, 1280 x 720, 60Hz, 1280 x 800, 60Hz, 1280 x 1024, 60Hz, 1440 x 900, 60Hz, 1600 x 1200, 60Hz, 1680 x 1050, 60Hz, 1920 x 1080, 60Hz  
**Video formats:** 480p, 60Hz, 576p, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 50, 60Hz, 3840 x 2160, 30Hz, 3840 x 2160, 60Hz

## Dimensions

**Set Width:** 1241.80 mm  
**Product weight:** 20.66 kg  
**Set Height:** 712.60 mm  
**Set Depth:** 76.80 mm  
**Set Width (inch):** 48.89 inch  
**Set Height (inch):** 28.06 inch  
**Wall Mount:** 400 x 400 mm, M6  
**Set Depth (inch):** 3.02 inch  
**Bezel width:** 13.9mm (Even bezel)  
**Product weight (lb):** 45.55 lb

## Operating conditions

**Altitude:** 0 ~ 3000 m  
**Temperature range (operation):** 0 ~ 40 °C  
**MTBF:** 50,000 hour(s)  
**Temperature range (storage):** -20 ~ 60 °C  
**Humidity range (operation)[RH]:** 20 ~ 80% RH (No condensation)  
**Humidity range (storage) [RH]:** 5 ~ 95% RH (No condensation)

## Multimedia Applications

**USB Playback Video:** H.264, Motion JPEG, MPEG1/2, WMV3  
**USB Playback Picture:** BMP, JPEG, PNG  
**USB Playback Audio:** AAC, MPEG, HEAAC

## Accessories

**Included Accessories:** AC Switch Cover, Philips logo (x1), Power cable (x3), Quick start guide (x1), Remote control & AAA batteries, RS232 cable (3 m) (x1), RS232 daisy chain cable (x1), USB Cover (x1), Wire Clamper (x3), Edge Alignment Kit (x2)  
**Stand:** BM05922(optional)

## Miscellaneous

**On-Screen Display Languages:** Arabic, Dutch, Danish, English, French, Finnish, German, Italian, Japanese, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Simplified Chinese, Turkish, Traditional Chinese  
**Warranty:** 3 year warranty  
**Regulatory approvals:** CE, FCC, Class A, CB, BSMI, EAC, EMF, VCCI, PSB, EnergyStar 8.0, ETL, EPA



**4K**  
Ultra HD

