

Philips Business Monitor  
LCD monitor with  
PowerSensor

### B Line

32 (31.5" / 80 cm diag.)  
2560 x 1440 (QHD)

325B1L



## Crystal-clear vision to get more done

Get your best work done with this Philips monitor. Crystal-clear QHD gives the space and clarity for your work. Loaded with features to improve productivity and sustainability.

#### Excellent performance

- IPS technology for full colors and wide viewing angles
- SmartImage presets for easy optimized image settings
- Crystalclear images with Quad HD 2560 x 1440 pixels

#### Designed for the way you work

- Built-in stereo speakers for multimedia
- SmartErgoBase enables people-friendly ergonomic adjustments
- Less eye fatigue with Flicker-free technology
- LowBlue Mode for easy on-the-eyes productivity
- EasyRead mode for a paper-like reading experience

#### Designed for sustainability

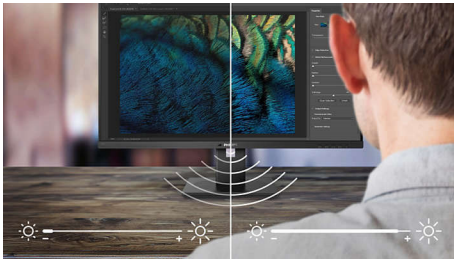
- LightSensor for the perfect brightness with minimal power
- PowerSensor saves up to 80% energy costs
- Designed to meet environmental standards

# PHILIPS

LCD monitor with PowerSensor  
B Line 32 (31.5" / 80 cm diag.), 2560 x 1440 (QHD)

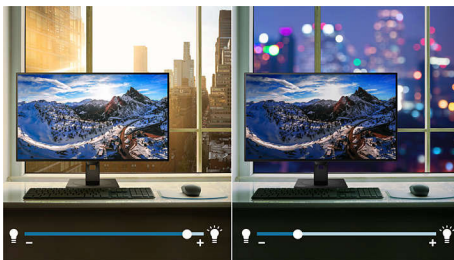
# Highlights

## PowerSensor



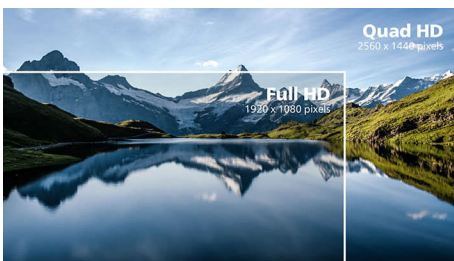
PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if user is present and automatically reduces monitor brightness when user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life

## LightSensor



LightSensor uses a smart sensor to adjust the picture brightness depending on the room light conditions for the perfect picture with minimal power usage.

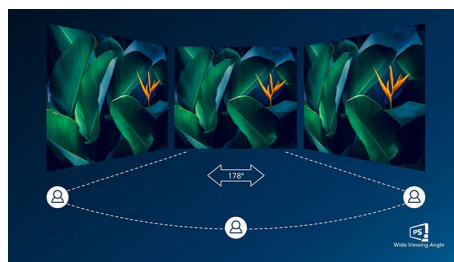
## Crystalclear images



These Philips screens deliver Crystalclear, Quad HD 2560x1440 or 2560x1080 pixel images.

Utilizing high performance panels with high density pixel count, enabled by high bandwidth sources like USB-C, Displayport, HDMI, these new displays will make your images and graphics come alive. Whether you are demanding professional requiring extremely detailed information for CAD-CAM solutions, using 3D graphic applications or a financial wizard working on huge spreadsheets, Philips displays will give you Crystalclear images.

## IPS technology



IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle - even in 90 degree Pivot mode! Unlike standard TN panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos, movies and web browsing, but also for professional applications which demand color accuracy and consistent brightness at all times.

## SmartImage



SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed

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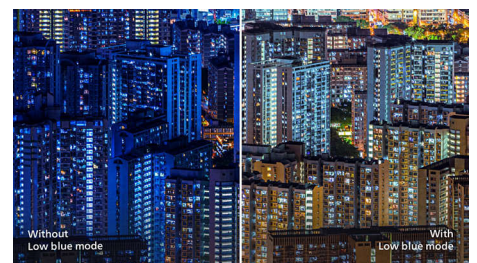
on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

## Flicker-free technology



Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

## LowBlue Mode



Studies have shown that just as ultra-violet rays can cause eye damage, shortwave length blue light rays from LED displays can cause eye damage and affect vision over time. Developed for wellbeing, Philips LowBlue Mode setting uses a smart software technology to reduce harmful shortwave blue light.



# Specifications

## Connectivity

- Signal Input: DisplayPort 1.2, HDMI 1.4 x 2
- Sync Input: Separate Sync
- Audio (In/Out): Audio out
- USB: USB-B x 1 (upstream), USB 3.2 x 4 (downstream with 1 fast charge B.C 1.2)
- HDCP: HDCP 1.4 (DP / HDMI)

## Picture/Display

- Panel Size: 31.5 inch / 80 cm
- Aspect ratio: 16:9
- LCD panel type: IPS technology
- Backlight type: W-LED system
- Pixel pitch: 0.2727 x 0.2727 mm
- Brightness: 250 cd/m<sup>2</sup>
- Display colors: Color support 1.07 billion colors
- Color gamut (typical): NTSC 89%\*, sRGB 101.7%\*, Adobe RGB 88%\*
- Contrast ratio (typical): 1,200:1
- SmartContrast: 50,000,000 :1
- Response time (typical): 4 ms (Gray to Gray)\*
- Viewing angle: 178° (H) / 178° (V), @ C/R >= 10
- Picture enhancement: SmartImage
- Maximum resolution: 2560 x 1440 @ 75 Hz\*
- Effective viewing area: 698.112 (H) x 392.688 (V)
- Scanning Frequency: 30 - 114 kHz (H) / 48 - 75 Hz (V)
- sRGB
- Flicker-free
- Pixel Density: 93 PPI
- LowBlue Mode
- Display Screen Coating: Anti-Glare, 3H, Haze 25%
- EasyRead
- Adaptive sync

## Convenience

- Built-in Speakers: 3 W x 2
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: SmartImage, Input, PowerSensor, Menu, Power On/Off
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukrainian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Control software: SmartControl

## Stand

- Height adjustment: 180 mm
- Pivot: +/- 90 degree
- Swivel: +/-180 degree
- Tilt: -5~30 degree

## Power

- ECO mode: 21.3 W (typ.)

- Power supply: Built-in, 100-240VAC, 50-60Hz
- Off mode: Zero watts with Zero switch
- On mode: 40.3 W (typ.)
- Standby mode: 0.3 W
- Power LED indicator: Operation - White, Standby mode- White (blinking)

## Dimensions

- Packaging in mm (WxHxD): 930 x 563 x 186 mm
- Product without stand (mm): 730 x 433 x 60 mm
- Packaging in inch (WxHxD): 36.6 x 22.2 x 7.3 inch
- Product without stand in inch: 28.7 x 17.0 x 2.4 inch
- Product with stand(max height): 730 x 620 x 250 mm
- Product with stand(max height): 28.7 x 24.4 x 9.8 inch

## Weight

- Product with packaging (kg): 13.60 kg
- Product with stand (kg): 10.70 kg
- Product with packaging (lb): 29.92 lb
- Product with stand (lb): 23.54 lb
- Product without stand (kg): 6.93 kg
- Product without stand (lb): 15.25 lb

## Operating conditions

- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- Temperature range (operation): 0°C to 40°C °C
- Relative humidity: 20%-80 %
- Temperature range (storage): -20°C to 60°C °C
- MTBF (demonstrated): 70,000 hrs (excluded backlight)

## Sustainability

- Environmental and energy: PowerSensor, LightSensor, RoHS
- Post consumer recycled plastic: 85%
- Recyclable packaging material: 100 %
- Specific Substances: PVC / BFR free housing, Mercury free

## Compliance and standards

- Regulatory Approvals: CB, TUV/GS, TUV Ergo, CU-EAC, EAEU RoHS, CE Mark, FCC Class B, ICES-003

## Cabinet

- Finish: Texture
- Foot: Black
- Front bezel: Black
- Rear cover: Black

## What's in the box?

- Cables: HDMI cable, DP cable, USB-A to B cable, Power cable
- Monitor with stand
- User Documentation



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Version: 1.1.1

UPC: 6 09585 25502 9

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\* "IPS" word mark / trademark and related patents on technologies belong to their respective owners.  
\* The maximum resolution works for either HDMI input or DP input.  
\* Response time value equal to SmartResponse  
\* NTSC Area based on CIE1976  
\* sRGB Area based on CIE1931  
\* Adobe RGB Coverage based on CIE1976  
\* The monitor may look different from feature images.