



Philips  
Full HD Curved LCD  
display

### C Line

32 (viewable 31.5" / 80 cm)  
1920 x 1080 (Full HD)

328C7QJSG

## Immersive design, smooth performance

Expand your viewing experience with this Philips Curved display. With this expansive 32" class full HD display you can truly immerse yourself into the game, or even give yourself needed space to spread out your work.

#### **Curved design inspired by the world around us**

- Curved display design for more immersive experience

#### **Brilliant Gaming**

- 144Hz refresh rates for ultra-smooth, brilliant images
- FPS, RTS, Racing presets intensifies gaming experience
- SmartFrame highlights area to spot your opponents easily
- Gamer modes enables you to save your preferences

#### **Brilliant performance**

- SmartImage game mode optimized for gamers
- SmartConnect with HDMI, Display port and Dual link DVI
- Less eye fatigue with Flicker-free technology
- Effortlessly smooth gameplay with AMD FreeSync™ technology
- MVA Display for wide viewing angles and deep contrast levels
- Ultra Wide-Color wider range of colors for a vivid picture

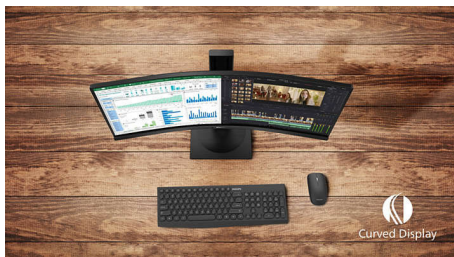
# PHILIPS

Full HD Curved LCD display  
C Line 32 (viewable 31.5" / 80 cm), 1920 x 1080 (Full HD)

328C7QJSG/69

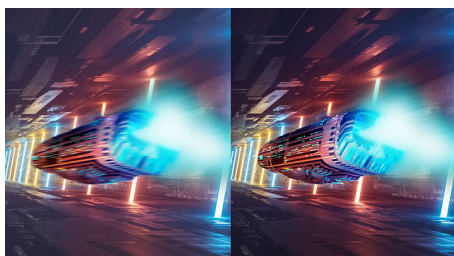
# Highlights

## Curved display design



Desktop monitors offer a personal user experience, which suits a curve design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the center of your desk.

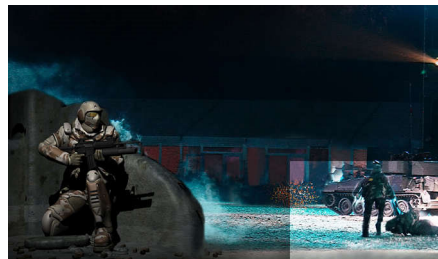
## 144Hz Gaming



You play intense, competitive gaming. You demand display with lag free, ultra-smooth images. This Philips display redraws the screen image up-to 144 times per second, effectively 2.4x faster than a standard display. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making them difficult targets to hit. With 144Hz frame rate, you get those critical missing images on the screen which shows enemy movement in ultra-smooth motion so you can easily target them. With ultra-low input lag and no screen tearing,

this Philips display is your perfect gaming partner

## SmartFrame



SmartFrame enables you to spot your opponents easily by highlighting a specific area on the screen. By boosting the gain level of RGB in the selected area, it allows you to give more attention to that specific part of the screen where you expect sudden enemy movement. You can also adjust size and image to your preference. It is especially suitable for RTS- Real Time Strategy mode games.

## MVA Display Technology



Philips MVA 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 office applications are handled with ease, it is especially suitable for photos, web-

browsing, movies, gaming, and demanding graphical applications. It's optimized pixel management technology gives you 178/178 degree extra wide viewing angle, resulting in crisp images.

## Ultra Wide-Color Technology



Ultra Wide-Color Technology delivers a wider spectrum of colors for a more brilliant picture. Ultra Wide-Color wider "color gamut" produces more natural-looking greens, vivid reds and deeper blues. Bring, media entertainment, images, and even productivity more alive and vivid colors from Ultra Wide-Color Technology.

## 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.



# Specifications

## Connectivity

- Signal Input: VGA (Analog), DVI-Dual Link (digital, HDCP), DisplayPort 1.2, HDMI (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): HDMI / DP audio out

## Picture/Display

- Panel Size: 31.5 inch / 80 cm
- Aspect ratio: 16:9
- LCD panel type: MVA
- Backlight type: W-LED system
- Pixel pitch: 0.364 x 0.364 mm
- Optimum resolution: 1920 x 1080 @ 144 Hz
- Brightness: 250 cd/m<sup>2</sup>
- Display colors: 16.7 M
- Color gamut (typical): NTSC 103% (CIE1976)\*
- Contrast ratio (typical): 3000:1
- SmartContrast: 20,000,000:1
- Response time (typical): 4 ms (Gray to Gray)\*
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Effective viewing area: 698.4 (H) x 392.85 (V) - at a 1800R curvature\*
- Scanning Frequency: 30 - 160 kHz (H) / 50 - 144 Hz (V)
- sRGB
- Flicker-free

## Convenience

- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 10 / 8.1 / 8 / 7
- User convenience: Menu/OK, Input/Up, SmartImage Game/Return, SmartSize/Down, 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: FreeSync
- Control software: SmartControl

## Stand

- Tilt: -5/10 degree

## Power

- Power supply: External, 100-240VAC, 50-60Hz
- Off mode: 0.3 W (typ.)
- On mode: 56.07 W (typ.), 58.37 W (max.)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)

## Dimensions

- Product with stand (mm): 721 x 530 x 211 mm
- Packaging in mm (WxHxD): 838 x 631 x 267 mm
- Product without stand (mm): 721 x 434 x 40 mm

## Weight

- Product with packaging (kg): 11.30 kg
- Product with stand (kg): 7.06 kg
- Product without stand (kg): 6.56 kg

## Operating conditions

- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- Temperature range (operation): 0 to 40 °C
- MTBF: 50,000 hrs (excluding backlight) hour(s)
- Relative humidity: 20%-80 %
- Temperature range (storage): -20 to 60 °C

## Sustainability

- Environmental and energy: RoHS, Mercury Free
- Recyclable packaging material: 100 %

## Compliance and standards

- Regulatory Approvals: CCC, CEL, WEEE, CECP, BSMI, EMC, MEPS, RCM

## Cabinet

- Color: Grey / White
- Finish: Matt / Glossy



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\* This Philips display is capable of achieving upto 144Hz refresh rates thru its Dual-link DVI and DisplayPort connector. Please ensure your graphics card is capable of 144Hz refresh rates and updated with the latest driver.

\* For any questions related to 144Hz performance please refer to your card vendor directly.

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\* Radius of the arc of the display curvature in mm

\* Response time value equal to SmartResponse

\* NTSC 85% (CIE1931), sRGB: 126%