



Philips  
3000 series LED-LCD TV

50" class/po



50PFL3708



## Affordable Performance

Big screen at a great value

Enjoy a great picture in a large screen LED TV. Amazingly sharp pictures delivered in full high-definition 1080p clarity. All the connection options you need from HDMI and USB, to PC-In for complete versatility.

### Enlarge your viewing experience

- Brilliant LED images with low power consumption
- Full 1080p HD display, with a 1920x1080p resolution
- Digital Crystal Clear for detail depth and clarity
- Incredible Surround for enhanced audio enjoyment

### Complete digital connectivity made simple

- Seamless connectivity with 3 HDMI inputs and Easylink
- PC-input allows you to use your TV as a PC monitor
- USB for fantastic multimedia playback

### Simple to set up, easy to use

- Picture setting made fast and easy with Setting Assistant
- Auto picture mode for an optimized viewing experience

### Greener every day

- Energy Star rated for low power consumption

**PHILIPS**

# Highlights

## LED with low power consumption

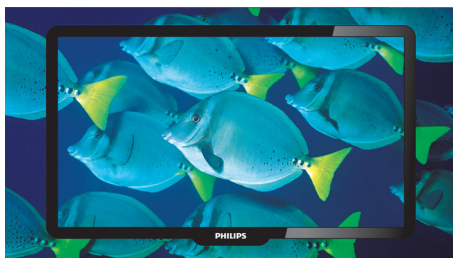


LED lighting technology is the most advanced available. In this TV it combines an eye-catching minimalistic design with stunning image quality, as well as being the lowest power consumption in its category. Another environmental benefit is that LED lighting technology does not contain hazardous materials. With an LED backlight you can enjoy low power consumption, high brightness, incredible contrast and sharpness and vibrant colors.

## Full HD 1080p display

Blu-ray Discs have the capacity to carry high definition data, along with pictures in the 1920 x 1080 resolution that defines full high definition images. This can only mean you get the best possible TV picture quality available today - so prepare to feast your eyes.

## Digital Crystal Clear



Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimizes

picture quality to optimal contrast, color and sharpness levels. It's like watching vivid cinema-like images.

## Picture setting with Assistant

Settings assistant for effortless personalized TV settings. The new settings assistant personalization wizard guides you to personalized settings with unparalleled ease. It includes not only picture, but the complete viewing experience, including sound setting. The wizard shows a few screens with easy to choose options to select the essential settings. The TV performance is set to the your personal preference without difficult terms or settings, and this very quickly.

## Incredible Surround



Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.

## Seamless connectivity

EasyLink uses the HDMI CEC industry standard protocol to share functionality between connected devices and the TV. HDMI makes an uncompressed digital RGB connection from the source to the screen for the ultimate picture quality. HDMI uses HDCP copy protection. With HDMI input of the TV you can connect multiple HD sources, for instance an HD settop box, a Blu-ray player, and Game Console or Digital Camcorder.

## USB multimedia playback

The USB connector allows access to jpeg photos and motion jpeg movie(320x240 30fps, PCM) of most USB-sticks (USB memory-class device). Plug the USB into the slot at the side of the TV and access the multimedia content using the easy on screen content browser. You can now view and share your movie and photos.



# Specifications

## Picture/Display

- Display screen type: LED Full HD Display
- Panel resolution: 1920x1080p
- Brightness: 300 cd/m<sup>2</sup>
- Aspect ratio: Widescreen(16:9)
- Response time (typical): 8 ms
- Contrast ratio (typical): 4000:1
- Diagonal screen size: 50 inch / 127 cm
- Visible screen diagonal (inch): 49.5 inch
- Viewing angle: 176° (H) / 176° (V)
- Picture enhancement: Digital Crystal Clear, 3D Combfiter, Digital Noise Reduction, Progressive scan, Active Control + Light sensor, Dynamic contrast enhancement

## Supported Display Resolution

### Computer formats

Resolution	Refresh rate
640 x 480	60Hz
720 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 1024	60Hz
1360 x 768	60Hz
1400 x 1050	60Hz
1440 x 900	60 Hz
1680 x 1050	60Hz
1920 x 1080	60Hz

### Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
720p	60Hz
1080i	60Hz
1080p	24,30,60Hz

## Sound

- Equalizer: 5-bands
- Output power (RMS): 2 x 10W
- Sound Enhancement: Incredible Surround
- Sound System: Dolby Digital (AC-3), Stereo, SAP

## Loudspeakers

- Built-in speakers: 2

## Convenience

- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer

- Ease of Installation: Autostore
- Ease of Use: Auto Volume Leveller (AVL), Settings assistant Wizard, AutoPicture, AutoSound, EasyLink
- Remote Control: TV
- Screen Format Adjustments: 16:9, Normal, Zoom, 4:3, Full, Movie Expand, Wide, unscaled (dot by dot)
- Multimedia: auto slideshow

## Multimedia Applications

- Multimedia connections: USB memory class device
- Playback Formats: JPEG Still pictures, Motion JPEG 320x240 30fps, PCM

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm F-type
- TV system: ATSC, NTSC
- Video Playback: NTSC
- Tuner bands: UHF, VHF

## Connectivity

- AV 1: CVBS in, Shared audio L/R in
- AV 2: YPbPr, Shared audio L/R in
- HDMI 1: HDMI, Shared audio L/R in
- HDMI 2: HDMI, Shared audio L/R in
- HDMI 3: HDMI, Shared audio L/R in
- Audio Output - Digital: Coaxial (cinch)
- Other connections: Headphone out, PC-In VGA, Shared audio L/R in
- USB: USB
- EasyLink (HDMI-CEC): One touch play, Power status, System info (menu language), System audio control, System standby, Remote control pass-through

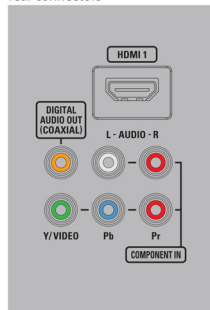
## Power

- Mains power: 120V/60Hz
- Power consumption: 145 W
- Standby power consumption: < 0.5W
- Ambient temperature: 5°C to 40°C (41°F to 104°F)

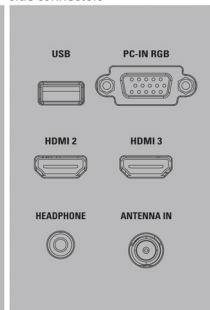
## Dimensions

- Set dimensions in inch (W x H x D): 45.91 x 27.60 x 4.88 inch
- Set dimensions with stand in inch (W x H x D): 45.91 x 30.00 x 10.63 inch
- Product weight (lb): 32.54

rear connectors



side connectors



Issue date 2013-10-25

Version: 3.2.1

12 NC: 8670 000 97779  
UPC: 6 09585 23068 2

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