

Philips  
LED TV

102 cm (40")  
Full HD 1080p

40PFL6605



## Be part of the action!

with Ambilight and brilliant LED pictures

Be captivated by the unique Ambilight innovation from Philips. Together with the latest 100Hz direct LED backlight technology, this TV will create intense and precious moments for you and your family.

### HD TV in stunning detail

- Full HD TV with Pixel Precise HD for details in action
- 100Hz LCD, 2ms performance for superb motion sharpness
- HD Natural Motion for ultra smooth motion in Full HD movies

### Greener every day

- LED TVs up to 40% more energy efficient than normal LCD TVs

### Rich and clear sound.

- 2.1 system 40 W surround sound (2 x 10 W RMS, virtual 20 W)\*
- Hear every word with Clear Sound

### Complete digital connectivity made simple

- Seamless connectivity with 3 HDMI inputs and Easylink
- USB for fantastic multimedia playback

### Enlarge your viewing experience

- Ambilight Spectra 2 widens the viewing experience

# PHILIPS

LED TV  
102 cm (40") Full HD 1080p

# Highlights

## Ambilight Spectra 2



Add a new dimension to your viewing experience with Ambilight Spectra 2. This patented Philips technology enlarges the screen by projecting a glow of light, on the 2 sides of the TV, from the back of the screen onto the surrounding wall. Ambilight adjusts automatically the colour and brightness of the light to match the picture, creating an immersive viewing experience. The wall adaptive function ensures that the color of the light always matches the picture, no matter what the color of your wall. With Ambilight Spectra 2 movies truly come to life!

## Pixel Precise HD

Pixel Precise HD builds on the award winning Pixel Plus foundation. It brings the high definition picture quality to the next level with 4 trillion colours. With Super Resolution, Pixel Precise HD now brings you the best HD TV picture quality whether you are watching a video from the internet or good quality Blu-ray movies.

## 100Hz LCD, 2ms response time

100Hz LCD creates extreme motion sharpness. The Double Frame Rate Insertion increases the sharpness of motion reproduction to more than twice that of conventional LCD, resulting in a performance with a response time of 2 milliseconds. Now you can enjoy clear images even with fast on-screen motion.

## HD Natural Motion



Philips invented HD Natural Motion to minimize juddering effects that are visible with movie based picture content. The award winning algorithm estimates motion in the picture and corrects juddering movements in both broadcast and recorded movie material (such as DVD and Blu-ray Disc). The resulting smooth motion reproduction and excellent sharpness take the viewing experience to a higher level.

## 2.1 sound system 40 W\*



Virtual 2.1 speaker system for an incredible 40W sound (2x10W + 20W Virtual Power\*).

\*This virtual 2.1 speaker system manages power intelligently to deliver twice the original power supplied and produces an excellent bass. Enjoy the purity and detailed sound with the additional dome tweeter which delivers uncompromised sound in a slim invisible speaker design.

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## USB (multimedia)



The USB connector allows access to jpeg photos, mp3 music and video files 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 videos, photos and music.

## Energy efficient LED

Using the latest LED backlight technology, LED-backlit TVs are a more sustainable choice, with a longer life and far lower energy consumption than plasmas and conventional LCD TVs. Unlike CCFL backlights, LEDs do not use mercury in their manufacture. In addition, Philips TV designs have constantly improved, resulting in higher material efficiency and reduced energy usage without compromising on safety and well-being.

## 3 HDMI inputs with Easylink



HDMI is a single cable to carry both picture and audio signals from your devices to your TV, avoiding cable clutter. It carries uncompressed signals, ensuring the highest quality from source to screen. Together with Philips Easylink, you need only one remote control to perform most operations on your TV, DVD, BluRay, set top box or home theatre system.

# Specifications

## Ambilight

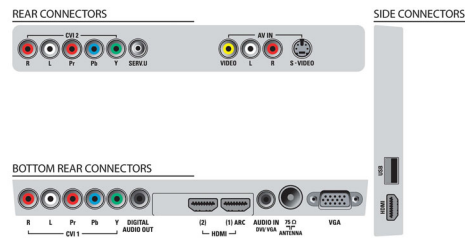
- Ambilight Features: Ambilight Spectra 2, Lounge light mode, Wall colour adaptive
- Ambilight Version: 2-sided
- Ambilight light system: LED wide color
- Dimming Function: Manual and via Light Sensor

## Picture/Display

- Aspect ratio: Widescreen

- Diagonal screen size (inch): 40 inch
- Diagonal screen size (metric): 102 cm
- Display: LCD Full HD, direct LED backlight
- Panel resolution: 1920x1080p
- Brightness: 450 cd/m<sup>2</sup>
- Picture enhancement: Pixel precise HD, Active Control + Light sensor, 100Hz Clear LCD, Digital Noise Reduction, Dynamic contrast enhancement, Luminance Transient Improver, MPEG artifact

- reduction, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing, HD Natural Motion, LED backlight Display, Color booster
- Dynamic screen contrast: 500,000:1
- Response time (typical): 2 ms
- Viewing angle: 176° (H) / 176° (V)
- Screen enhancement: Anti-Reflection coated screen



# Specifications

## Supported Display Resolution

- Computer formats: 640 x 480, 60Hz, 800 x 600, 60Hz, 1024 x 768, 60Hz, 1280 x 1024, 60Hz, 1360 x 768, 60Hz, 1600 x 1200, 60Hz, 1920 x 1080, 60Hz
- Video formats: 480i, 60Hz, 480p, 60Hz, 576i, 50Hz, 576p, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz, 1080p, 24, 25, 30, 50, 60Hz

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: PAL B/G, PAL D/K
- Video Playback: NTSC, SECAM, PAL

## Multimedia Applications

- Multimedia connections: USB
- Video Playback Formats: Codec support: H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, RealMedia (.rm, .rmvb, RV8-10), Containers: AVI, MKV
- Music Playback Formats: MP3, WMA (v2 up to v9.2), AAC
- Picture Playback Formats: JPEG

## Convenience

- Child Protection: Child Lock+Parental Control
- Ease of Installation: Channel installation wizard, Settings assistant wizard, Device connection wizard, Auto detect Philips devices, Auto Program Naming, Autoinstall, Fine Tuning, Sorting
- Ease of Use: Smart Picture, Smart Sound, Connectivity assistant, Demo mode, EasyLink, Favorite program selection, Mozaic channel grid, One-stop experience button, One-stop Home button
- Clock: Sleep Timer
- Screen Format Adjustments: Super Zoom, Movie expand 16:9, Widescreen, unscaled (1080p dot by dot)
- Multimedia: auto slideshow, USB autobreak-in, USB media browser
- Signal strength indication
- Teletext: 1000 page Hypertext
- Firmware upgradeable: Firmware upgradeable via USB

## Sound

- Output power (RMS): 20W

- Sound System: Mono, Nicam Stereo, Stereo
- Sound Enhancement: Auto Volume Leveler, Dynamic Bass Enhancement, Incredible Surround, Treble and Bass Control, Clear Sound

## Connectivity

- AV 1: Audio L/R in, YPbPr
- AV 2: Audio L/R in, YPbPr
- Audio Output - Digital: Coaxial (cinch)
- AV 3: Audio L/R in, CVBS in, S-Video in
- EasyLink (HDMI-CEC): One touch play, Pixel Plus link (Philips), Remote control pass-through, System audio control, System standby, System info (menu language)
- Front / Side connections: HDMI v1.3, USB
- HDMI 1: HDMI v1.4 (Audio Return Ch.)
- HDMI 2: HDMI v1.3
- VGA-in: PC input, D-sub 15

## Power

- Mains power: 220-240V~; 50-60Hz
- Ambient temperature: 5 °C to 35 °C
- Standby power consumption: < 0.15 W
- Power consumption (typical): 84 W
- Power Saving Features: 0 Watt Power-off switch, Light sensor, Eco mode

## Accessories

- Included accessories: Table top stand, Quick start guide, User Manual, Warranty certificate, Remote Control, 2 x AAA Batteries, Software declaration
- User Manual: English, French, Simplified Chinese, Thai

## Dimensions

- Set Width: 977 mm
- Set Height: 605 mm
- Set Depth: 86 mm
- Product weight: 13.7 kg
- Set width (with stand): 977 mm
- Set height (with stand): 649 mm
- Set depth (with stand): 236 mm
- Product weight (+stand): 16.1 kg
- Box width: 1149 mm
- Box height: 689.5 mm
- Box depth: 197 mm
- Weight incl. Packaging: 19.2 kg
- Wall mount compatible: 200 x 200 mm



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