



Philips
LED TV with Ambilight
Spectra 2 and Perfect Pixel
HD Engine

94 cm (37")

Full HD 1080p
DVB-T/C/S2



37PFL8605K

Refined living, pure performance

with Ambilight and leading picture

Be captivated by a truly refined performance. A frameless design and Ambilight set the scene for you to experience the brilliance of LED technology. Enjoy the show.

Enlarge your viewing experience

- Ambilight Spectra 2 widens the viewing experience

Perfect LCD Picture

- Full HD with Perfect Pixel HD Engine for unrivalled clarity
- Brilliant LED images with low power consumption
- 200Hz Clear LCD TV, 1ms performance: superb motion sharpness
- Perfect Natural Motion for ultra smooth Full HD movies

Impressive, invisible sound

- Feel the power of 20W RMS and Incredible Surround

In-built internet TV

- Philips Net TV for popular online services on your TV
- DLNA PC Network link to browse PC and Home network content

Greener every day

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

PHILIPS



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!

Perfect Pixel HD Engine

Experience unrivalled sharpness and clarity with Perfect Pixel HD Engine. Each pixel of the picture is enhanced to better match the surrounding pixels, for a more natural picture. The result is a unique combination of sharpness, natural detail, vivid colors, superior contrast and smooth natural motion whatever you are watching. Clean and razor sharp images result from artifact and noise detection and reduction in all content sources - from

multimedia to standard TV. The Full HD screen with 1920 x 1080p pixels produces brilliant flicker-free progressive scan pictures with superb brightness.

LED



The most advanced LED lighting technology in this TV combines an eye-catching minimalistic design with stunning image quality as well as the lowest power consumption in its category. On top of that, LED lighting technology does not contain any hazardous materials. Thus, with LED backlight you can enjoy low power consumption, high brightness, incredible contrast, sharpness and vibrant colors.

200Hz Clear LCD (1ms)

Enjoy extreme motion sharpness without picture imperfections. The Philips 200Hz Clear LCD brings the response time of LCD TV to an incredible 1ms, so even with the fastest action scene you will be enthralled by the action, and not following the stretched car across the screen. Go ahead, enjoy the action!

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.

Philips Net TV



Experience a rich selection of online services with Philips Net TV. Enjoy movies, pictures, infotainment and other internet directly on your TV whenever you like. Simply connect directly to your home network through the ethernet connection, and navigate and select what you want to watch with the remote control. The Philips menu gives you access to popular Net TV services fitted for your TV screen. Additionally, with the DLNA certified PC network you can watch videos or access pictures stored on your computer using your remote control.



2-in-1 Stand

This TV comes with a table top stand that can also be used to wall-mount your television. There is no need to buy additional

wall-mount brackets. The stand is also designed to ensure that your TV is always level when wall-mounted. A simple touch of your hand will perfectly level the TV!



Specifications

Picture/Display

- Aspect ratio: Widescreen
- Brightness: 450 cd/m²
- Dynamic screen contrast: 500000:1
- Response time (typical): 1 (BEW) ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 37 inch / 94 cm
- Display: LCD Full HD, edge LED backlight
- Panel resolution: 1920x1080p
- Picture enhancement: Perfect Pixel HD Engine, Perfect Natural Motion, Perfect Contrast, Perfect Colors, Active Control + Light sensor, 2D/3D noise reduction, 200Hz Clear LCD, Super Resolution
- Screen enhancement: Anti-Reflection coated screen
- Peak Luminance ratio: 65 %
- Color processing: 2250 trillion colors 17bit RGB
- Color cabinet: Seamless front glass

Ambilight

- Ambilight Version: 2 sided
- Ambilight Features: Ambilight Spectra 2, Lounge light mode in stand-by, 'Sunset' soft switch off, Wall colour adaptive
- Dimming Function: Manual and via Light Sensor
- Ambilight light system: LED wide color

Supported Display Resolution

- Computer inputs: up to 1920x1080 @ 60Hz
- Video inputs: up to 1920x1080p, 24, 25, 30, 50, 60 Hz

Sound

- Output power (RMS): 2 x 10W, Invisible Sound
- Sound Enhancement: Auto Volume Leveller, Dynamic Bass Enhancement, Incredible Surround, Treble and Bass Control, Clear Sound

Convenience

- Ease of Installation: Channel installation wizard, Network installation wizard, Settings assistant wizard, Device connection wizard, Auto detect Philips devices, 2-in-1 Wallmount Stand
- Ease of Use: Onscreen Usermanual, Touch control buttons, Favorite program selection, Mozaic channel grid, One-stop experience button, One-stop Home button
- Electronic Program Guide: Now + Next EPG, 8day

Electronic Program Guide*

- Screen Format Adjustments: Autofill (no black bars), Autozoom (original format), (includes 4:3, 14:9, 21:9), Super Zoom, Movie expand 16:9, Widescreen, unscaled (1080p dot by dot)
- Teletext: 1200 page Hypertext
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Multimedia: DLNA media Browser, Net TV services, USB media browser

Multimedia Applications

- Picture Playback Formats: JPEG
- Music Playback Formats: MP3, WMA (v2 up to v9.2), AAC
- Video Playback Formats: Codec support: H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, Containers: AVI, MKV
- Net TV: Included

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Video Playback: NTSC, SECAM, PAL
- Digital TV: DVB Terrestrial *, DVB-T MPEG4*, DVB-C MPEG4*, DVB-S2 MPEG4 HD, MHEG, DVB-S HD+ support (Astra)
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity

- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2 Scart: Audio L/R, CVBS in, RGB
- Ext 3: YPbPr, Audio L/R in
- VGA-in: PC input, D-sub 15
- HDMI 1: HDMI v1.4 (Audio Return Ch.)
- HDMI 2: HDMI v1.3
- HDMI 3: HDMI v1.3
- HDMI Side: HDMI v1.3
- Front / Side connections: USB, Common Interface Slot (CI-CI+), SD-card (Videostore)
- HDMI features: Audio Return Channel, Instaport fast HDMI switching
- EasyLink (HDMI-CEC): One touch play, Pixel Plus link (Philips), Remote control pass-through, System audio control, System standby, EasyLink
- Other connections: Headphone out, S/PDIF out (coaxial), Ethernet-LAN RJ-45
- PC network link: DLNA 1.5 certified
- Summary: 4x HDMI, 1x USB, 2x SCART, 1x

Ethernet, Wi-Fi ready

Power

- Green label: ECO label certified
- Ambient temperature: 5 °C to 35 °C
- Mains power: 220 - 240V, 50/60Hz
- Power consumption (typical): 75 W
- Standby power consumption: <0.15 W
- Off mode power consumption: < 0.01 W
- Annual energy consumption: 109.5 kWh
- Presence of lead: Yes*
- Power Saving Features: 0 Watt Power-off switch, Light sensor, Eco mode, Picture mute (for radio), Auto switch-off timer, Eco settings menu

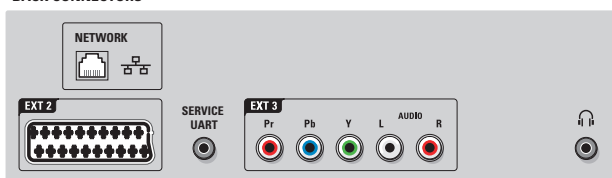
Dimensions

- Set dimensions (W x H x D): 900 x 565 x 44 mm
- Set dimensions with stand (H x D): 601 x 248 mm
- Product weight: 16 kg
- Product weight (+stand): 18.5 kg
- Box dimensions (W x H x D): 1165 x 672 x 160 mm
- VESA wall mount compatible: 200 x 300 mm

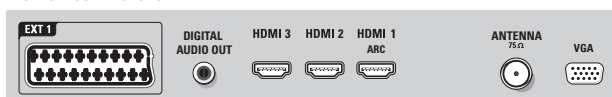
Accessories

- Included accessories: Power cord, Quick start guide, Warranty certificate, Remote Control, Batteries for remote control, Legal and safety brochure, Net TV brochure
- Optional accessories: Wireless USB adaptor (PTA01)

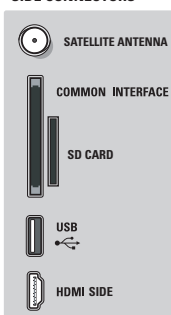
BACK CONNECTORS



BOTTOM CONNECTORS



SIDE CONNECTORS



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www.philips.com

* 8 days EPG, service not available in all countries

* Net TV: Visit www.philips.com/smarttv to discover the services offering in your country.

* The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscription are required. Contact your operator for more information.

* Typical on-mode power consumption measured according to IEC62087 Ed 2.

* Energy consumption in kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.

* This television contains lead only in certain parts or components where no technology alternatives exist in accordance with existing exemption clauses under the RoHS Directive.