

Philips
8000 series Smart Laser
Ultra HDTV

65" class/po



65PFL8900



Mesmerizing images and breathtaking sound

Smart 4K UltraHD performance.

Enjoy mesmerizing images and breathtaking sound. Red Laser plus Cyan LED backlight produces a dynamic viewing experience. Enhancing the experience are 60 Watt RMS stereo speakers with vertically vectored tweeters and dual bass radiators.

Enjoy the beauty of 4K Ultra HD

- Red Laser and Cyan LED backlight for rich vivid colors
- Industry certified Connected 4K Ultra HD performance
- Pixel Precise UltraHD for vivid, natural, and real images
- 240 Perfect Motion Rate gives you smooth images

Authentic and clear sound experience.

- 58 Watts of front firing clear balanced 3D surround sound
- Immersive sound with clear voice designed by sonic emotion

Complete digital TV connectivity made simple.

- Wirelessly mirror the screen of smart device on your TV
- HDMI 2.0 with HDCP 2.2 for 4K on all HDMI ports
- Wi-Fi 802.11ac with MIMO antennas for online 4K streaming

A world of online entertainment

- Enjoy your favorite Netflix content in HD and 4K!
- A lean-back big screen YouTube experience



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Highlights

Laser backlight

A unique Red Laser plus Cyan LED backlight powers a beautiful LCD panel to produce lifelike images with rich textures and vivid color saturation, certain to be the centerpiece of any home theater.

4K Ultra HD connected

4K ULTRA HD CONNECTED

With industry standard 4K Ultra HD Connected certification you can rest assured that your TV will work flawlessly with other 4K source devices for years to come. Featuring HDMI 2.0 with HDCP 2.2 on all HDMI ports and built-in HEVC and VP9 decoders, your TV is built to handle 4K Blu-ray, Cable, Satellite and streaming 4K media.

Pixel Precise UltraHD

The beauty of 4K Ultra HD TV is in savoring every detail. The picture-processing algorithms of our Pixel Precise Ultra HD engine convert any input picture into UHD resolution on your screen. The result? Whether you watch a video online or native 4K Ultra-HD content, you'll experience exceptional sharpness, motion, clarity, color and contrast from Philips.

240 Perfect Motion Rate



240 Perfect Motion Rate (PMR) creates extreme motion smoothness for clear and vibrant images in fast action movies. The new Philips PMR standard reduces response time of the TV and uses a Motion Estimation Motion Compensation (MEMC) algorithm to reduce juddering and produce a smooth strain free viewing experience.

sonic emotion



Immersive sound with clear voice designed by sonic emotion. Absolute3D sound fills your

65PFL8900/F7

surroundings with the right ambience, clarifies voice, and details the sound stage, making your experience more immersive and enjoyable.

Miracast



Watch and surf anything and everything wirelessly from your Miracast powered phone, tablet or PC to your Philips TV. Imagine the ability to have unlimited access to every web destination like shopping, email, videos, social networking, as well as your favorite TV shows and sporting events. With Miracast Wireless Screencasting your source device's screen is wirelessly projected on your TV, so sharing content and surfing the internet on your TV has truly become limitless.



Specifications

Picture/Display

- Aspect ratio: Widescreen(16:9)
- Contrast ratio (typical): 5000:1
- Response time (typical): 9.5 ms
- Viewing angle: 178° (H) / 178° (V)
- Diagonal screen size: 65 inch / 165 cm
- Visible screen diagonal (inch): 64.5 inch
- Display screen type: LED UltraHD Display
- Panel resolution: 3840x2160p
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Black stretch, Digital Noise Reduction, Progressive scan, MPEG artifact reduction, Pixel Precise UltraHD

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
1440 x 900	60 Hz
1920 x 1080	60Hz
1680 x 1050	60Hz
1400 x 1050	60Hz
3840 x 2160	60Hz
4096 x 2160	60Hz

Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
720p	60Hz
1080i	60Hz
1080p	24,30,60Hz
2160p	24, 30, 60Hz

Sound

- Equalizer: 5-bands
- Output power (RMS): 58W
- Sound System: Sonic Emotion Premium, Dolby Digital (AC-3), Stereo, SAP

Loudspeakers

- Built-in speakers: 6

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Ease of Installation: Autostore
- Ease of Use: Auto Volume Leveller (AVL), AutoPicture, AutoSound, Settings assistant Wizard
- Remote Control: TV
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Super Zoom, Widescreen, unscaled (1080p dot by dot), Full
- Multimedia: auto slideshow, USB media browser

Multimedia Applications

- Multimedia connections: USB memory class device
- Playback Formats: MP3, JPEG Still pictures, MPEG1, MPEG2, H.264/MPEG-4 AVC, MPEG 4 SP/ASP, H.265/HEVC

Tuner/Reception/Transmission

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

Connectivity

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

Power

- Ambient temperature: 5°C to 40°C (41°F to 104°F)
- Mains power: 120V/60Hz

- Power consumption: 359 W
- Standby power consumption: < 0.5W

Dimensions

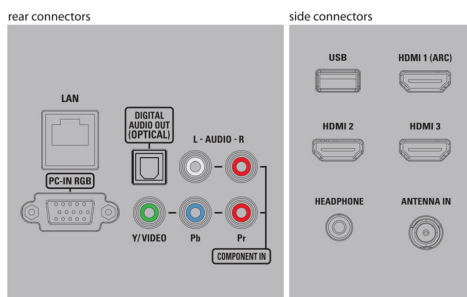
- Set dimensions in inch (W x H x D): 66.9 x 33.9 x 5.8 inch
- Product weight (lb): 106.5 lb
- Set dimensions with stand in inch (W x H x D): 66.9 x 35.7 x 11.5 inch
- Product weight (+stand) (lb): 110.7 lb
- Box dimensions in inch (W x H x D): 70.8 x 38.9 x 11.0 inch
- Weight incl. Packaging (lb): 125.3
- VESA wall mount compatible: 400 x 200 mm

Accessories

- Included accessories: Table top stand, Quick start guide, User Manual, Remote Control, Batteries for remote control
- Power cord: 59.05 inch

Network Services

- NetTV Apps: Netflix, Pandora, Portico, Vudu, YouTube
- Network Features: Miracast



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