

Philips  
7000 series Slim Smart  
Ultra HDTV

55" class/pt



55PFL7900



## Razor Slim Design

with Smart 4K UltraHD performance.

Get the best of both worlds. Surreal aesthetics with a razor slim looks and Smart 4K Ultra HD performance with HEVC and VP9 decoders for Netflix and YouTube 4K streaming, HDMI 2.0 with HDCP 2.2 and a built-in 4K upscaling engine.

### Enjoy the beauty of 4K Ultra HD

- Industry certified Connected 4K Ultra HD performance
- Pixel Plus UltraHD for vivid, natural, and real pictures
- 120 Perfect Motion Rate for increased pixel response times
- An intelligent dimming backlight for dynamic contrast

### Authentic and clear sound experience.

- 20 Watts RMS of rich surround sound to complement 4K images
- 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



# PHILIPS

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# Highlights

## 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 Plus Ultra HD



Experience Ultra-HD sharpness from Philips. Now you can enjoy your favorite action films and sporting events in stunning 4K Ultra HD resolution. And whether you stream online or watch a DVD, Philips' Pixel Plus Ultra-HD Engine delivers sharper images with brighter whites and blacker blacks.

## Macro dimming

Using a proprietary video processing algorithm which measures average luminance level of each

video frame, Philips' Macro Dimming intelligent backlight dims the backlight to match every video frame to ensure you have a strain-free life-like viewing experience with bright whites, vivid colors and dark blacks.

## 120 Perfect Motion Rate



120 Perfect Motion Rate (PMR) creates extreme motion sharpness for clear and vibrant images in fast action movies. The new Philips PMR standard reduces response time of the HDTV to produce faster picture transitions and reduces motion artifacts.

## sonic emotion



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

55PFL7900/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): 1200:1
- Response time (typical): 8 ms
- Viewing angle: 178° (H) / 178° (V)
- Diagonal screen size: 55 inch / 139.7 cm
- Visible screen diagonal (inch): 54.6 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 Plus 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): 2 x 10W
- Sound System: Sonic Emotion Premium, 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), 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: 155 W
- Standby power consumption: < 0.5W

## Dimensions

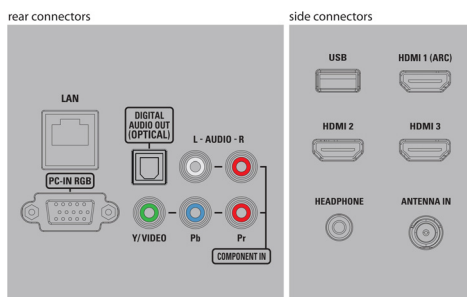
- Set dimensions in inch (W x H x D): 48.6 x 28.9 x 2.3 inch
- Product weight (lb): 39.25 lb
- Set dimensions with stand in inch (W x H x D): 50.1 x 30.6 x 8.7 inch
- Product weight (+stand) (lb): 40.57 lb
- Box dimensions in inch (W x H x D): 58.4 x 33.1 x 8.0 inch
- Weight incl. Packaging (lb): 54.02
- 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, Home Network



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