



## Philips

7000 series Slim Smart Ultra HDTV

- 55" class/po

[55PFL7900/F7](#)

# 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.

## Benefits

### Enjoy the beauty of 4K Ultra HD

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

### 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
- Wi-Fi 802.11ac with MIMO antennas for online 4K streaming
- HDMI 2.0 with HDCP 2.2 for 4K on all HDMI ports

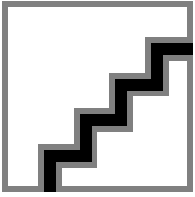
### A world of online entertainment

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

# PHILIPS

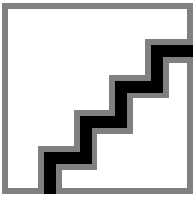
## Features

### 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

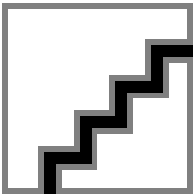


Experience Ultra-HD sharpness from Philips. Now you can enjoy your favorite action films and sporting events in stunning 4K Ultra HD resolution. And whether you stream online or watch a DVD, Philips' Pixel Plus Ultra-HD Engine delivers sharper images with brighter whites and blacker blacks.

### Macro dimming

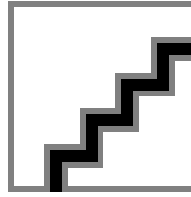
Using a proprietary video processing algorithm which measures average luminance level of each video frame, Philips' Macro Dimming intelligent backlight dims the backlight to match every video frame to ensure you have a strain-free life-like viewing experience with bright whites, vivid colors and dark blacks.

### 120 Perfect Motion Rate



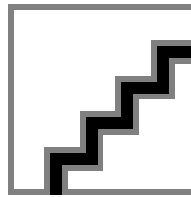
120 Perfect Motion Rate (PMR) creates extreme motion sharpness for clear and vibrant images in fast action movies. The new Philips PMR standard reduces response time of the HDTV to produce faster picture transitions and reduces motion artifacts.

### sonic emotion



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

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

### 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 (inch)	55 inch
Diagonal screen size (metric)	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
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### Supported Display Resolution

Computer formats	640 x 480, 60Hz 720 x 480, 60Hz 800 x 600, 60Hz 1024 x 768, 60Hz
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	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	Audio Output - Digital Other connections	Optical (TOSLINK)  Ethernet Headphone out PC-In VGA Wi-Fi(built-in) USB HDMI Shared audio L/R in HDMI Shared audio L/R in HDMI Shared audio L/R in HDMI One touch play Power status System info (menu language) Remote control pass-through System audio control System standby
Video formats	480i, 60Hz 480p, 60Hz 720p, 60Hz 1080i, 60Hz 1080p, 24,30,60Hz 2160p, 24, 30, 60Hz	USB HDMI 1  HDMI 2  HDMI 3  EasyLink (HDMI-CEC)	
<b>Sound</b>			
Equalizer	5-bands		
Output power (RMS)	2 x 10W		
Sound System	Sonic Emotion Premium Dolby Digital (AC-3) Stereo SAP		
<b>Loudspeakers</b>			
Built-in speakers	2		
<b>Convenience</b>			
Child Protection Clock Ease of Installation Ease of Use	Child Lock+Parental Control Sleep Timer Autostore Auto Volume Leveller (AVL) AutoPicture AutoSound Settings assistant Wizard		
Remote Control Screen Format Adjustments	TV 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		
<b>Multimedia Applications</b>			
Multimedia connections Playback Formats	USB memory class device MP3 JPEG Still pictures MPEG1 MPEG2 H.264/MPEG-4 AVC MPEG 4 SP/ASP H.265/HEVC		
<b>Tuner/Reception/Transmission</b>			
Aerial Input TV system	75 ohm F-type ATSC NTSC		
Video Playback Tuner bands	NTSC UHF VHF		
<b>Connectivity</b>			
AV 1	Shared audio L/R in CVBS/YPbPr		
<b>Power</b>			
		Ambient temperature Mains power Power consumption Standby power consumption	5°C to 40°C (41°F to 104°F) 120V/60Hz 155 W < 0.5W
<b>Dimensions</b>			
		Set Height (inch) Set Width (inch) Set Depth (inch) Product weight (lb) Set height (with stand) (inch) Set width (with stand) (inch) Set depth (with stand) (inch) Product weight (+stand) (lb) Box height (inch) Box width (inch) Box depth (inch) Weight incl. Packaging (lb) VESA wall mount compatible	28.9 inch 48.6 inch 2.3 inch 39.25 lb 30.6 inch 50.1 inch 8.7 inch 40.57 lb 33.1 inch 58.4 inch 8.0 inch 54.02 400 x 200 mm
<b>Accessories</b>			
		Included accessories  Power cord	Table top stand Quick start guide User Manual Remote Control Batteries for remote control 59.05 inch
<b>Network Services</b>			
		NetTV Apps  Network Features	Netflix Pandora Portico Vudu YouTube Miracast Home Network



data subject to change  
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