

Philips 7800 series
4K UHD LED Smart TV
with Ambilight 3-sided

126 cm (50") Ambilight TV

Major HDR formats supported
P5 Perfect Picture Engine
Alexa built-in



50PUS7855

Discover new dimensions with Alexa and Ambilight.

4K HDR Smart LED TV

Add new dimensions to your viewing. This Philips Smart TV comes with built-in Alexa, so you can control it with your voice. Ambilight sets the mood for movies, music, or gaming. Picture quality is as brilliant as the content you love.

Slim design. Beautiful light.

- Philips 4K UHD TV. Vibrant HDR picture.
- The magic of Ambilight. Only from Philips.
- Light silver bezel. Slender feet.

Brilliant picture. The definition of beauty.

- Philips P5 Engine. Whatever the source, always perfection.
- Dolby Vision and Dolby Atmos. Cinematic vision and sound.
- HDR10+. See more of what the director intended.

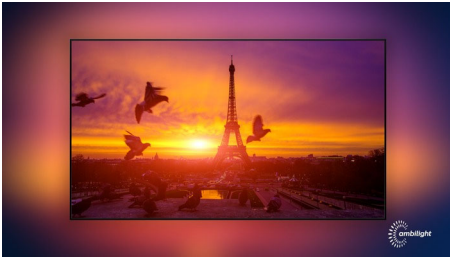
Simply smart

- Saphi Smart TV. The smart way to enjoy your TV.
- One-button access to apps including Netflix and Prime Video.
- Alexa built-in. Your voice is your remote.
- Works with Google Assistant
- Clear audio from full-range speakers.

PHILIPS

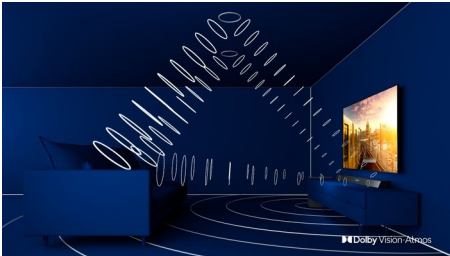
Highlights

Ambilight 3-sided



With Philips Ambilight every moment feels closer. Intelligent LEDs around the edge of the TV respond to the on-screen action and emit an immersive glow that's simply captivating. Experience it once and wonder how you enjoyed TV without it.

Dolby Vision and Dolby Atmos



Support for Dolby's premium sound and video formats means the HDR content you watch will look-and sound-gloriously real. Whether it's the latest streaming series or a Blu-Ray disc set, you'll enjoy contrast, brightness, and color that reflect the director's original intentions. And hear spacious sound with clarity, detail, and depth.

P5 Perfect Picture Engine



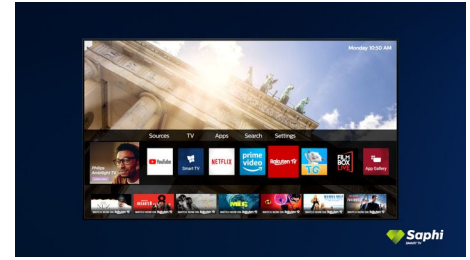
The Philips P5 Perfect Picture Engine delivers an image as brilliant as the content you love. Details have noticeably more depth. Colours are vivid, while skin tones look natural. Contrast is so crisp you'll feel every detail. And motion is so smooth that you'll never lose sight of the ball, no matter how fast the play.

4K UHD HDR



Your Philips 4K UHD TV is compatible with all major HDR formats, including HDR10+ and Dolby Vision. Whether it's a must-watch series or the latest video game, shadows will be deeper. Bright surfaces will shine. Colors will be truer.

Saphi Smart TV

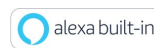


SAPHI is a fast, intuitive operating system that makes your Philips Smart TV a real pleasure to use. Enjoy one-button access to a clear icon-based menu. Quickly navigate to popular Philips Smart TV apps including YouTube, Netflix, and more.

Voice control



Now you can use your voice to control your Philips smart TV. You can ask Alexa to change channels, switch to your gaming console, or control smart-home devices like your lights and thermostat. You can do all this and more with Alexa.



Specifications

Ambilight

- Ambilight Version: 3-sided
- Ambilight Features: Ambilight Music, Built in Ambilight+hue, Game Mode, Lounge mode, Wall colour adaptive

Picture/Display

- Display: 4K Ultra HD LED
- Diagonal screen size: 50 inch / 126 cm
- Panel resolution: 3840x2160
- Aspect ratio: 16:9
- Picture enhancement: Ultra Resolution, Dolby Vision, HDR10+, 1700 PPI, HLG (Hybrid Log Gamma)
- Pixel engine: P5 Perfect Picture Engine

Supported Display Resolution

- Computer inputs on all HDMI: up to 4K UHD 3840x2160 @60Hz, HDR supported, HDR10/HLG
- Video inputs on all HDMI: up to 4K UHD 3840x2160 @60Hz, HDR supported, HDR10/HLG (Hybrid Log Gamma), HDR10+/Dolby Vision

Smart TV Features

- User Interaction: SimplyShare, Screen mirroring
- Interactive TV: HbbTV
- Program: Pause TV, USB recording*
- SmartTV apps*: Online video stores, Open internet browser, TV on demand, Youtube, Netflix TV
- Ease of Installation: Auto detect Philips devices, Network installation wizard, Settings assistant wizard
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Screen Format Adjustments: Advance - Shift, Basic - Fill Screen, Fit to screen, Zoom, stretch, Wide screen
- Ease of Use: One-stop smart menu button, Onscreen usermanual
- Voice assistant*: Amazon Alexa built-in, RC with Mic.

Processing

- Processing Power: Quad Core

Tuner/Reception/Transmission

- Digital TV: DVB-T/T2/T2-HD/C/S/S2

- MPEG Support: MPEG2, MPEG4
- Video Playback: PAL, SECAM
- TV Program guide*: 8 day Electronic Program Guide
- Signal strength indication
- Teletext: 1000 page Hypertext
- HEVC support

Connectivity

- Number of HDMI connections: 3
- Number of USBs: 2
- Wireless connections: Wi-Fi 802.11n 2x2 integrated, Dual Band
- Other connections: Satellite Connector, Common Interface Plus (CI+), Digital audio out (optical), Ethernet-LAN RJ-45, Headphone out, Service connector
- HDMI features: Audio Return Channel, 4K
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- HDCP 2.3: Yes on all HDMI

Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, HEVC (H.265), VP9
- Subtitles Formats Support: .SMI, .SRT, .SUB, .TXT, .ASS, .SSA
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Picture Playback Formats: JPEG, BMP, GIF, PNG, 360 photo, HEIF

Power

- Mains power: AC 220 - 240 V 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Standby power consumption: <0.3W
- Power Saving Features: Auto switch-off timer, Picture mute (for radio), Eco mode
- Energy Label Class: A
- Eu Energy Label power: 75 W
- Annual energy consumption: 110 kWh/h
- Mercury content: 0 mg
- Presence of lead: Yes*
- Off mode power consumption: N/A

Sound

- Output power (RMS): 20W
- Sound Enhancement: A.I. Sound, 5 Band Equalizer,

- Dolby Atmos, Dolby Bass Enhancement, Dolby Volume Leveler, Clear Dialogue, Night mode
- Speaker configuration: 2x10W full range speaker

Dimensions

- Box dimensions (W x H x D): 1240.0 x 785.0 x 150.0 mm
- Set dimensions (W x H x D): 1122.8 x 660.4 x 79.4 mm
- Set dimensions with stand (W x H x D): 1122.8 x 678.8 x 246.0 mm
- Product weight: 12.9 kg
- Product weight (+stand): 13.1 kg
- Weight incl. Packaging: 17.3 kg
- VESA wall mount compatible: 300 x 200 mm
- Stand dimensions (W x H x D): 790 x 18.4 x 246.0 mm

Design

- Colors of TV: Plastic bezel light silver
- Stand design: Light silver groove stand

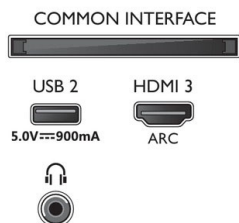
Accessories

- Included accessories: Remote Control, 2 x AAA Batteries, Power cord, Quick start guide, Legal and safety brochure, Table top stand

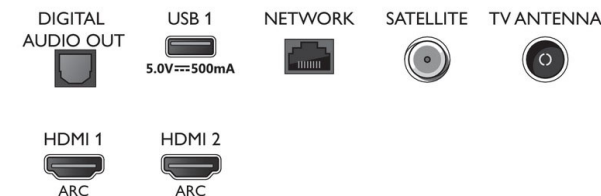


Connections

Side



Bottom



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* EPG and actual visibility (up to 8 days) is country and operator dependent.

* 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.

* 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.

* Philips TV Remote app and related functionalities vary per TV model, operator, and country, as well as smart device model and OS. For more details please visit: www.philips.com/TVRemoteapp.

* Smart TV app offerings vary per TV model and country. For more details please visit: www.philips.com/smarttv.

* USB recording for digital channels only, recordings may be limited by broadcast copy protection (CI+). Country and channel restrictions may apply.

* 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.

* Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. Amazon Alexa is available in selected languages and countries.