



Philips LED
4K UHD LED Smart TV

126 cm (50") Ambilight TV

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



50PUS7805

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.

Brilliant picture. The definition of beauty.

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

Simply smart

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

Slim design. Beautiful light.

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

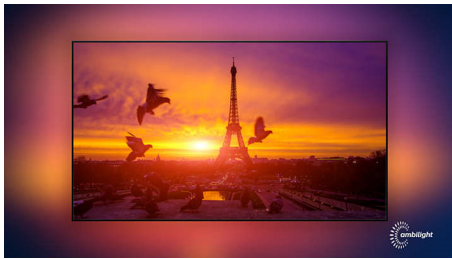
PHILIPS

4K UHD LED Smart TV
126 cm (50") Ambilight TV Major HDR formats supported, P5 Perfect Picture Engine, Alexa built-in

50PUS7805/12

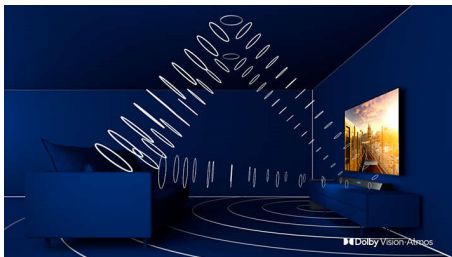
Highlights

Ambilight 3 sided



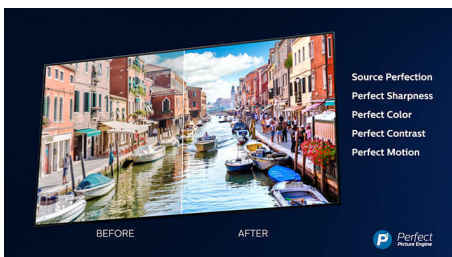
With Philips Ambilight, every moment feels closer. Intelligent LEDs around the edge of the TV respond to the on-screen action and emit an immersive glow that's simply captivating. Experience it once and wonder how you enjoyed TV without it.

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 colour that reflect the director's original intentions. And hear spacious sound with clarity, detail and depth.

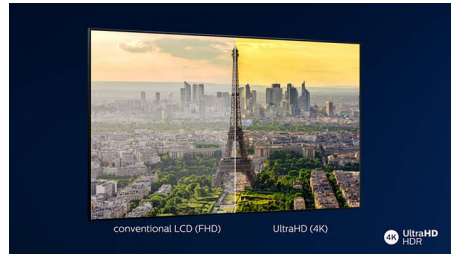
P5 Perfect Picture Engine



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

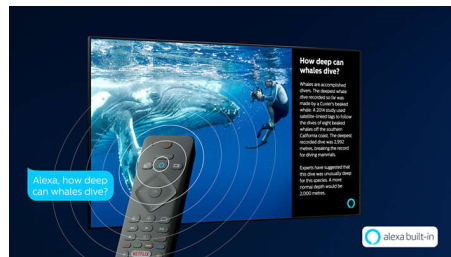
motion is so smooth that you'll never lose sight of the ball, no matter how fast the play.

4K UHD HDR



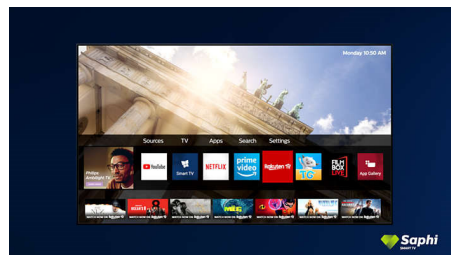
Your Philips 4K UHD TV is compatible with all major HDR formats, including HDR10+ and Dolby Vision. Whether it's a must-watch series or the latest video game, shadows will be deeper. Bright surfaces will shine. Colours will be truer.

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 of this and more with Alexa.

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.

HDR10+



With a Philips HDR10+ TV, picture quality is even more immersive and lifelike. Dynamic metadata enables your TV to adjust brightness levels from frame to frame. From bright skies to candlelit temples, colours look real. Original details are preserved. Contrast is impeccable.

Design

Gunmetal grey bezel. Slender feet.

Clear audio

Clear audio from full-range speakers.

Saphi Smart TV



SAPHI is a fast, intuitive operating system that makes your Philips Smart TV a real pleasure to use. Enjoy great picture quality and one-button access to a clear icon-based menu. Operate your TV with ease and quickly navigate to popular Philips Smart TV apps including YouTube, Netflix and Amazon Prime Video.



Dolby Vision Atmos

OLED+

4K UltraHD HDR

4K UltraHD HDR

Specifications

Ambilight

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

Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (inch): 50 inch
- Diagonal screen size (metric): 126 cm
- Display: 4K Ultra HD LED
- Panel resolution: 3840 x 2160

- Picture engine: P5 Perfect Picture Engine
- Picture enhancement: Ultra Resolution, Dolby Vision, HDR10+, 1700 PPI, HLG (Hybrid Log Gamma)
- Diagonal screen size (inch): 50 inch

Supported Display Resolution

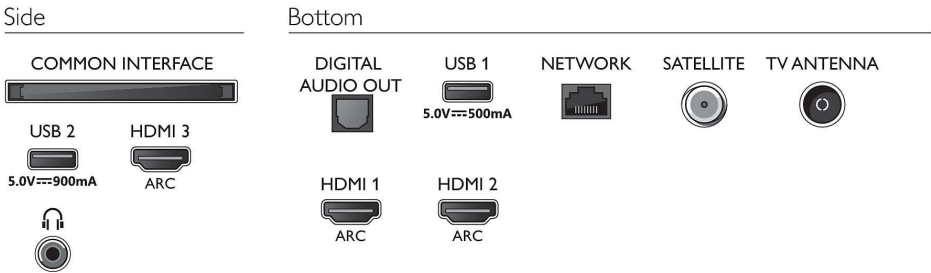
- Computer inputs on all HDMI: up to 4K UHD 3840 x 2160 @60 Hz, HDR supported, HDR10/HLG
- Video inputs on all HDMI: up to 4K UHD 3840 x 2160 @60 Hz, HDR supported, HDR10/HLG

(Hybrid Log Gamma), HDR10+/Dolby Vision

Tuner/Reception/Transmission

- Digital TV: DVB-T/T2/T2-HD/C/S/S2
- Video Playback: PAL, SECAM
- MPEG Support: MPEG2, MPEG4
- TV Programme guide*: 8-day Electronic Programme Guide
- Signal strength indication
- Teletext: 1000 page Hypertext
- HEVC support

Connections



Specifications

Smart TV Features

- User Interaction: SimplyShare, Screen mirroring
- Interactive TV: HbbTV
- Programme: 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
- Ease of Use: One-stop smart menu button, On-screen user manual
- 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
- Voice assistant*: Amazon Alexa built-in, RC with Mic.

Multimedia Applications

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

Processing

- Processing Power: Quad Core

Sound

- Output power (RMS): 20 W
- Speaker configuration: 2 x 10 W full-range speaker
- Sound Enhancement: A.I. Sound, Dolby Atmos®, Dolby Bass Enhancement, Dolby Volume Leveller, 5 Band Equalizer, Clear Dialogue, Night mode

Connectivity

- Number of HDMI connections: 3
- HDMI features: Audio Return Channel, 4K
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- Number of USBs: 2
- Wireless connection: Wi-Fi 802.11n 2 x 2 integrated, Dual Band
- Other connections: Satellite Connector, Common

- Interface Plus (CI+), Digital audio out (optical), Ethernet-LAN RJ-45, Headphone out, Service connector
- HDCP 2.3: Yes on all HDMI

EU Energy card

- EPREL registration numbers: 352556
- Diagonal screen size (inch): 50
- Energy class for SDR: G
- Diagonal screen size (metric): 126
- On mode power demand for SDR: 75 kWh/1000h
- Energy class for HDR: G
- On mode power demand for HDR: 146 kWh/1000h
- Off mode power consumption: n.a.
- Networked standby mode: <2.0 W
- Panel technology used: LED LCD

Power

- Mains power: AC 220 - 240 V 50/60 Hz
- Ambient temperature: 5°C to 35°C
- Standby power consumption: <0.3 W
- Power Saving Features: Auto switch-off timer, Picture mute (for radio), Eco mode
- Off mode power consumption: N/A

Accessories

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

Design

- Colours of TV: Plastic gun metal bezel
- Stand design: Mid silver groove stand

Dimensions

- Set Width: 1122.8 mm
- Set Height: 660.4 mm
- Set Depth: 79.4 mm
- Product weight: 12.9 kg
- Set width (with stand): 1122.8 mm
- Set height (with stand): 678.8 mm
- Set depth (with stand): 246.0 mm
- Product weight (+stand): 13.1 kg
- Box width: 1240.0 mm
- Box height: 785.0 mm
- Box depth: 150.0 mm
- Weight incl. Packaging: 17.3 kg
- Stand width: 790 mm
- Stand height: 18.4 mm
- Stand depth: 246.0 mm
- Wall-mount compatible: 300 x 200 mm



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EAN: 87 18863 02332 7

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

* 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 availability varies 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.

* Disney+ subscription required. Subject to terms at <https://www.disneyplus.com> (c) 2020 Disney and its related entities. Disney+ is available in selected languages and countries.

* Immerse in legendary and exclusive titles from Disney, Pixar, Marvel, Star Wars, and National Geographic available on Philips Android TVs.

* Disney+ is available on all Philips Android TVs. Disney+ is not available on Philips Saphi Smart TVs. Disney+ subscription required. Subject to terms at <https://www.disneyplus.com> (c) 2020 Disney and its related entities.