



Philips The One  
4K Ambilight TV

126 cm (50") Ambilight TV

P5 Perfect Picture Engine  
Major HDR formats supported  
Google TV™



50PUS8508

## The One that has it all.

### 4K Ambilight TV

Give your leisure time a boost with the one. This 4K Ambilight TV immerses you in every show, movie and game! You get thrilling picture quality, all the must-have streaming apps and a stand that easily adjusts to accommodate a soundbar.

#### **Great picture. Flexible sound. Responsibly packed.**

- Ultra-sharp picture. Vibrant viewing.
- Slim TV. Packed for the future.
- Attractive design. Stand height adjusts for a soundbar.
- Great TV sound. And easy to add soundbars or speakers
- Philips Wireless Home System powered by DTS Play-Fi

#### **Ready for the content you love.**

- Voice control. Google Assistant. Works with Alexa
- Loves gaming. 60 Hz, ultra-low input lag. VRR, FreeSync
- 60 Hz native refresh rate. 120 Hz Ultra Motion Clarity.
- Entertainment you love, with a little help from Google.

#### **The One. The 4K LED Ambilight TV that has it all.**

- The One with Dolby Vision and Dolby Atmos.
- The One with looks to thrill. Philips P5 picture engine.
- The one with immersive Ambilight.

# PHILIPS

# Highlights

## The one with Ambilight.



Ambilight TVs are the only TVs with LED lights behind the screen that react to what you watch, immersing you in a halo of colourful light. It changes everything: your TV seems bigger, and you'll be drawn deeper into your favourite shows, movies and games.

## P5 perfect picture engine



The Philips P5 engine delivers a picture 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. Motion is perfectly smooth.

## Dolby Vision and Dolby Atmos



With Dolby Vision and Dolby Atmos on board, your films, shows and games look and sound incredible. See the picture that the director wanted you to see — no more disappointing

scenes that are too dark to make out! Hear every word clearly. Experience sound effects like they're really happening around you.

## Ultra-sharp picture

No matter what you watch, you'll enjoy a bright, ultra-sharp picture with vivid colours. Plus, this 4K UHD Ambilight TV is compatible with all major HDR formats — so you'll see more detail, even in dark and bright areas, when you're streaming HDR content.

## Responsible packaging

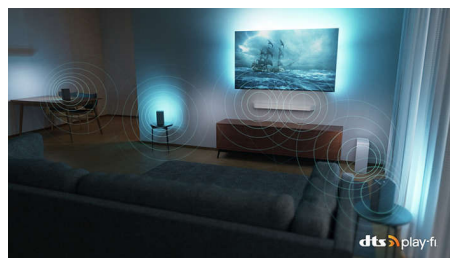


Looking for a TV that fits with your room? The virtually bezel-free screen of this Ambilight TV goes with just about any interior, and the height-adjustable stand is ideal for soundbars. Our packaging uses FSC-certified recycled cardboard and our printed materials use recycled paper.

## Attractive design

Attractive design. Stand height adjusts for a soundbar.

## DTS Play-Fi



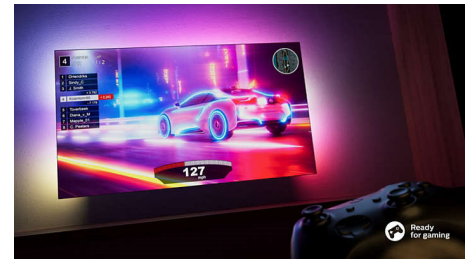
You get great, clear TV sound straight out of the box. If you want more, Philips Wireless Home System with DTS Play-Fi lets you connect to compatible soundbars and wireless

speakers around your home in seconds. You can even create a home cinema surround-sound system using your TV as a central speaker.

## DTS Play-Fi

Great TV sound. And easy to add soundbars or speakers

## Loves gaming

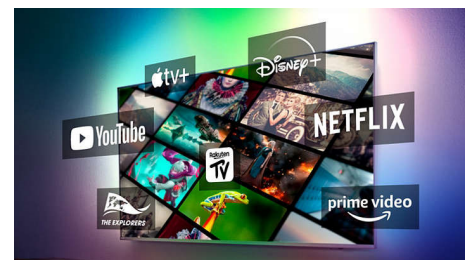


Can't wait to play? Your 60 Hz Ambilight TV with HDMI 2.1 supports fast gameplay, and its Ultra Motion Clarity mode gives a sharper, smoother picture. Turn on your console and an ultra-low input lag setting is automatically activated. Ambilight's gaming mode makes the thrills feel even bigger.

## Ultra Motion Clarity

60 Hz native refresh rate. 120 Hz Ultra Motion Clarity.

## Google TV™



What do you want to watch? Google TV brings together movies, shows, and more from across your apps and subscriptions, and organises them just for you. You'll get suggestions based on what you like, and you can even use the Google TV app on your phone to curate your watchlist on the go.

# Specifications

## Ambilight

- Ambilight Features: Wall colour adaptive, Lounge mode, Game Mode, Ambilight Music, AmbiWakeup, AmbiSleep, Works with Philips Wireless Home Speakers, Ambilight Boot-Up Animation
- Ambilight Version: 3 sided

## Picture/Display

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

- Native refresh rate: 60 Hz
- Picture engine: P5 Perfect Picture Engine
- Picture enhancement: Dolby Vision, HDR10+, Micro Dimming Pro, Natural Motion, Wide Colour Gamut 90% DCI/P3, CalMAN Ready, HLG (Hybrid Log Gamma)

## Display input resolution

- Resolution-Refresh rate: 576 p - 50 Hz, 640 x 480 - 60 Hz, 720 p - 50 Hz, 60 Hz, 1920 x 1080p - 24 Hz, 25 Hz, 30 Hz, , 50 Hz, 60 Hz, 2560 x 1440 - 60 Hz, 3840 x 2160p - 24 Hz, 25 Hz, 30 Hz, , 50 Hz, 60 Hz

## Tuner/Reception/Transmission

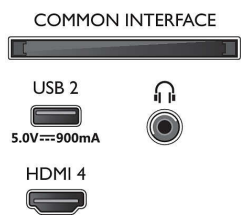
- Digital TV: DVB-T/T2/T2-HD/C/S/S2
- TV Programme guide\*: 8-day Electronic Programme Guide
- Signal strength indication
- Teletext: 1000 page Hypertext
- HEVC support

## Android TV

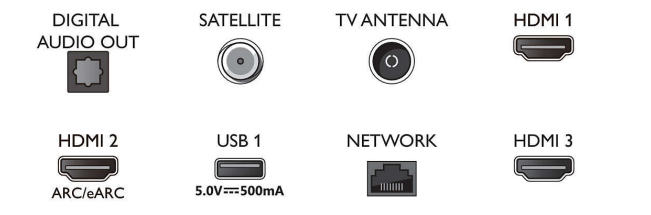
- OS: Google TV™
- Pre-installed apps: Google Play Movies\*, Google Search, YouTube, Netflix, Apple TV, Amazon Prime Video, Disney+, YouTube Music, Fitness

## Connections

### Side



### Bottom



# Specifications

- App, Ambilight Aurora
- Memory size (Flash): 16 GB\*
- Gaming cloud: Geforce Now

## Smart TV Features

- Interactive TV: HbbTV
- Remote Control: with Voice
- Voice assistant\*: Google Assistant built in, RC with Mic., Works with Alexa

## Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, VP9, HEVC (H.265), AV1
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10), FLAC
- Subtitles Formats Support: .SMI, .SRT, .SSA, .SUB, .TXT, .ASS
- 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
- Codec: Dolby Digital MS12 V2.6.1, DTS:X
- Sound Enhancement: A.I. Sound, Clear Dialogue, Dolby Atmos®, Dolby Bass Enhancement, Dolby Volume Leveller, Night mode, A.I. EQ, DTS Play-Fi, Mimi Sound Personalisation, Room Calibration

## Connectivity

- Number of HDMI connections: 4
- HDMI features: 4K, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- Number of USBs: 2
- Wireless connection: Wi-Fi 802.11ac, 2 x 2, Dual band, Bluetooth 5.0
- Other connections: Common Interface Plus (CI+), Ethernet-LAN RJ-45, Digital audio out (optical), Headphone out, Service connector, Satellite Connector
- HDCP 2.3: Yes on all HDMI
- HDMI ARC: Yes on HDMI2
- HDMI 2.1 features: eARC on HDMI 2, eARC/VRR/ ALLM supported, Max 48 Gbps data rate
- EasyLink 2.0: HDMI-CEC for Philips TV/SB, External setting via TV UI

## Supported HDMI video features

- HDMI 1/2: HDMI 2.0
- Gaming: ALLM, HDMI VRR, Dolby Vision Game, AMD FreeSync Premium
- HDMI 3/4: HDMI 2.0
- HDR: Dolby Vision, HDR10, HLG, HDR10+

## EU Energy card

- EPREL registration numbers: 1551901
- Energy class for SDR: F
- On mode power demand for SDR: 55 kWh/1000h
- Energy class for HDR: G
- On mode power demand for HDR: 121 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
- Standby power consumption: less than 0.3 W
- Power Saving Features: Auto switch-off timer, Picture mute (for radio), Eco mode, Light sensor

## Accessories

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

## Design

- Colours of TV: Anthracite grey bezel
- Stand design: Anthracite grey offset sticks

## Dimensions

- Set Width: 1116.0 mm
- Set Height: 655.0 mm
- Set Depth: 81.0 mm
- Product weight: 12.7 kg
- Set width (with stand): 1116.0 mm
- Set height (with stand): 675.0/715.0 mm
- Set depth (with stand): 256.0 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: 16.3 kg
- Stand width: 737.0 mm
- Stand height: 31.0/70.0 mm
- Stand depth: 256.0 mm
- Distance between 2 stands: 737.0 mm
- Stand height to TV bottom edge: 31.0/70.0 mm
- Wall-mount compatible: 200 x 300 mm



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- \* EPG and actual visibility (up to 8 days) is country- and operator-dependent.
- \* Android App offerings vary per country. For more details please visit your local Google Play Store.
- \* 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](http://www.philips.com/TVRemoteapp).
- \* 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.
- \* Memory size (Flash): 16 G, the actual available disc space may differ (dependant on e.g. (pre-)installed apps, installed operating system, etc.)
- \* Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. Amazon Alexa is available in selected languages and countries.
- \* Amazon Prime 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.
- \* Google Assistant is available on Philips Android TVs running on Android O (8) or higher OS version. Google Assistant is available in selected languages and countries.
- \* Netflix subscription required. Subject to terms on <https://www.netflix.com>
- \* Google TV is the name of this device's software experience and a trademark of Google LLC.
- \* Google TV is the name of this device's software experience and a trademark of Google LLC. YouTube, OK Google and other marks are trademarks of Google LLC.