



Philips LED  
4K Ambilight TV

126 cm (50") Ambilight TV

P5 picture engine-120Hz  
Major HDR formats supported  
Google TV™



50PUT8808

## Philips 4K Ambilight TV that has it all.

### 4K Ambilight TV

Meet Philips Smart TV. This 4K Ambilight TV will turn up the joy in your home! You get thrilling picture quality, all the apps you could want, and epic gaming. Plus, you can add a soundbar or speakers and build your perfect home cinema setu

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

- Ultra-sharp picture. Vibrant viewing.
- Philips Wireless Home System powered by DTS Play-Fi
- Great TV sound. And easy to add soundbars or speakers
- Attractive design. Perfect in any room.

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

- Game on! 120Hz. VRR, FreeSync, and ultra-low input lag.
- Entertainment you love, with a little help from Google.
- Voice control. Google Assistant. Works with Alexa

#### **4K LED TV. Super-sharp for all you love.**

- Cinematic vision and sound. Dolby Vision and Dolby Atmos.
- More immersive than ever. Ambilight TV.
- Philips TV with looks to thrill. Philips P5 picture engine.

# PHILIPS

## 4K Ambilight TV

126 cm (50") Ambilight TV P5 picture engine-120Hz, Major HDR formats supported, Google TV™

50PUT8808/98

# Highlights

### Ultra-sharp picture

Ultra-sharp picture. Vibrant viewing.

### DTS Play-Fi



You get great, clear TV sound right 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 theatre surround-sound system using your TV as a central speaker.

### Loves gaming

Your Ambilight TV with HDMI 2.1 lets you make the most of your next-gen gaming gear with super-responsive gameplay and smooth graphics. Make that jump, turn on a dime, or drift perfectly through a corner! VRR and FreeSync are both supported. Ambilight's gaming mode makes the thrills feel bigger.

### 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.

### AI voice control

Voice control. Google Assistant. Works with Alexa

### 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 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.

### Next-gen Ambilight

With next-gen Ambilight, LEDs behind the screen immerse you in a halo of colorful light that's more detailed, better defined, and more in sync with the action than ever! Plus, you can liven up a blank screen with the Aurora curated collection of images and videos, which look great with Ambilight.

### DTS Play-Fi

Great TV sound. And easy to add soundbars or speakers

### Attractive design.

Slim TV. Packed for the future. The virtually bezel-free screen of this 4K smart TV goes with just about any interior, and the beautifully geometric feet make it seem as if the screen is floating.

### Philips P5 picture engine.

The Philips P5 engine delivers a picture as brilliant as the content you love. Details have noticeably more depth. Colors are vivid, while skin tones look natural. Contrast is so crisp you'll feel every detail. Motion is perfectly smooth.

# Specifications

## Ambilight

- Ambilight Version: 3-sided
- Ambilight Features: Wall colour adaptive, Lounge mode, Game Mode, Ambilight Music, AmbiWakeUp, AmbiSleep, Ambilight Aurora

## Picture/Display

- Display: 4K Ultra HD LED
- Panel resolution: 3840 x 2160
- Native refresh rate: 120 Hz
- Picture engine: P5 Perfect Picture Engine
- Picture enhancement: Micro Dimming Pro, Wide Color Gamut 90% DCI/P3, HDR10+, Dolby Vision, CalMAN Ready, Perfect Natural Motion, HLG (Hybrid Log Gamma)

## Display input resolution

- Resolution-Refresh rate: 576p-50Hz, 640x480-60Hz, 720p-50Hz,60Hz, 1920x1080p-24Hz,25Hz,30Hz,50Hz, 60Hz,100Hz,120Hz., 2560x1440-60Hz,120Hz, 3840x2160p-24Hz,25Hz,30Hz,50Hz, 60Hz,100Hz,120Hz.

## Processing

- Processing Power: Quad Core

## Smart TV Features

- Remote Control: with Voice
- Voice assistant\*: Google Assistant built-in, RC with Mic., Works with Alexa
- SmartTV apps\*: Amazon Prime Video, Disney+, Google Play Movies\*, Google Play Music\*, Google Search, meWATCH app, Netflix, Online video stores, Open internet browser, Youtube, YouTube Music

## Tuner/Reception/Transmission

- Digital TV: DVB-T/T2
- TV Program guide\*: 8 day Electronic Program Guide
- Signal strength indication
- HEVC support

## Power

- Mains power: AC 220 - 240 V 50/60Hz
- Standby power consumption: <0.5W
- Power Saving Features: Auto switch-off timer, Picture mute (for radio), Eco mode, Light sensor

## Sound

- Codec: DTS:X

- Output power (RMS): 40W
- Speaker configuration: 4x10W mid-high speaker
- Sound Enhancement: A.I. Sound, Clear Dialogue, Dolby Atmos, Dolby Bass Enhancement, Dolby Volume Leveler, Night mode, A.I. EQ, DTS Play-Fi, Mimi Sound Personalization, Room Calibration

## Connectivity

- Number of HDMI connections: 4
- Number of USBs: 2
- Wireless connection: Wi-Fi 802.11ac, 2x2, Dual band, Bluetooth 5.0
- HDMI features: 4K, Audio Return Channel
- HDMI ARC: Yes on HDMI2
- HDMI 2.1 features: eARC on HDMI 2, eARC/VRR/ ALLM supported, Max 48Gbps data rate
- HDCP 2.3: Yes on all HDMI
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- EasyLink 2.0: HDMI-CEC for Philips TV/SB, External setting via TV UI
- Other connections: Ethernet-LAN RJ-45, Digital audio out (optical), Headphone out

## Supported HDMI video features

- Gaming: ALLM, HDMI VRR, Dolby Vision Game, AMD FreeSync Premium
- HDMI 1/2: HDMI 2.1 full bandwidth 48Gbps, upto 4K 120Hz
- HDMI 3/4: HDMI 2.0
- HDR: Dolby Vision, HDR10, HDR10+, HLG

## Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, VP9, HEVC (H.265), AV1
- Subtitles Formats Support: .SMI, .SRT, .SSA, .SUB, .TXT, .ASS
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10), FLAC
- Picture Playback Formats: JPEG, BMP, GIF, PNG, 360 photo, HEIF

## Dimensions

- Box dimensions (W x H x D): 1240.0 x 785 x 150 mm
- Set dimensions (W x H x D): 1116.0 x 645 x 81 mm
- Set dimensions with stand (W x H x D): 1116.0 x 715 x 268 mm

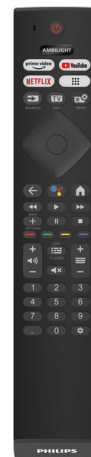
- Distance between 2 stands: 910 mm
- Product weight: 13 kg
- Product weight (+stand): 13.5 kg
- Weight incl. Packaging: 17 kg
- Wall mount dimensions: 200 x 300 mm

## Accessories

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

## Smart TV

- Memory size (Flash)\*: 36GB
- OS: Google TV™



## Connections

### Side



### Down



Issue date 2023-03-09

Version: 8.0.1

12 NC: 8670 001 89278  
EAN: 87 18863 03937 3

© 2023 Koninklijke Philips N.V.  
All Rights reserved.

Specifications are subject to change without notice.  
Trademarks are the property of Koninklijke Philips N.V. or their respective owners.

[www.philips.com](http://www.philips.com)

\* 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.

\* 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).

\* 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 at <https://www.netflix.com>

\* Image depicted on the website are non-contractual pictures. Please always refer to the actual TV that are sold in the retail or stores.

\* Memory size (Flash) : 32G, the actual available disc space may differ (dependent on e.g. (pre-)installed apps, installed operating system, etc.)

\* 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.