



Philips LED  
4K Ambilight TV

126 cm (50") Ambilight TV

P5 Perfect Picture Engine  
Major HDR formats supported  
Google TV™



50PUT8528

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

### 4K Ambilight TV

Give your leisure time a boost with Philips Google TV. This 4K Ambilight TV immerses you in every show, movie, and game! You get thrilling picture quality, all the must-have streaming apps,

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

- Philips TV with immersive Ambilight.
- Ultra-sharp picture. Vibrant viewing.
- 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. 60Hz, ultra-low input lag. VRR.
- Entertainment you love, with a little help from Google.

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

- Cinematic vision and sound. Dolby Vision and Dolby Atmos.
- Philips TV with looks to thrill. Philips P5 picture engine.

# PHILIPS

4K Ambilight TV  
126 cm (50") Ambilight TV P5 Perfect Picture Engine, Major HDR formats supported, Google TV™

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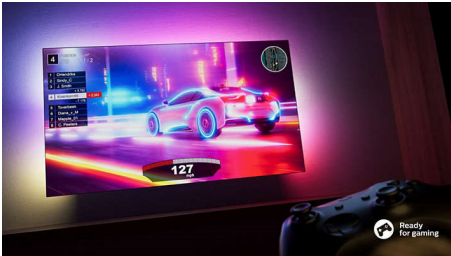
# Highlights

## Ambilight. TV



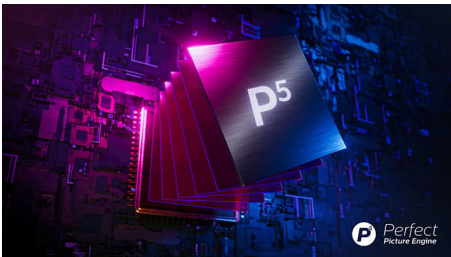
Ambilight TVs are the only TVs with LED lights behind the screen that react to what you watch, immersing you in a halo of colorful light. It changes everything: your TV seems bigger, and you'll be drawn deeper into your favorite shows, movies, and games.

## Loves gaming



Can't wait to play? Your 60Hz 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 and Ambilight's gaming mode makes the thrills feel even bigger.

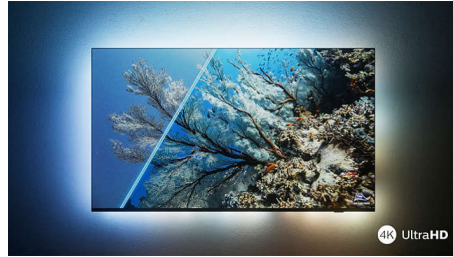
## Philips P5 picture engine.



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.

## Ultra-sharp picture



No matter what you watch, you'll enjoy a bright, ultra-sharp picture with vivid colors. 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.

## Google TV™



What do you want to watch? Google TV brings together movies, shows, and more, from across your apps and subscriptions and organizes 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.

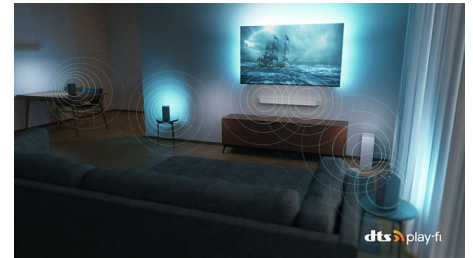
## AI voice control



You get a choice of voice assistants! Push the Google Assistant button on your remote and

you can use your voice to find movies and shows, get recommendations, control compatible smart home devices, and more. Or ask Alexa to control the TV via Alexa-enabled devices.

## 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.

## 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.

AMBILIGHT tv



4K UltraHD

Google TV

Ok Google

dts play-fi

Dolby Vision-Atmos

## 4K Ambilight TV

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# Specifications

## Ambilight

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

## Picture/Display

- 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, CalMAN Ready, HLG (Hybrid Log Gamma)

## Display input resolution

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

## Tuner/Reception/Transmission

- Digital TV: DVB-T/T2
- MPEG Support: MPEG2, MPEG4
- TV Program guide\*: 8 day Electronic Program Guide
- HEVC support

## Smart TV

- OS: Google TV™
- Memory size (Flash)\*: 32GB

## Smart TV Features

- SmartTV apps\*: Amazon Prime Video, Disney+, Google Play Movies\*, Google Search, meWATCH app, Netflix, Youtube, YouTube Music, Ambilight Aurora
- 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): 20W
- Speaker configuration: 2x10W full range speaker
- Codec: DTS:X, Dolby Digital MS12 V2.6.1
- 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
- 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, 2x2, Dual band, Bluetooth 5.0
- Other connections: Ethernet-LAN RJ-45, Digital audio out (optical), Headphone out, Antenna IEC75
- HDCP 2.3: Yes on all HDMI
- HDMI ARC: Yes on HDMI2
- HDMI 2.1 features: eARC on HDMI 2, eARC/VRR/ ALLM supported
- EasyLink 2.0: External setting via TV UI, HDMI-CEC for Philips TV/SB

## Supported HDMI video features

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

## 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

## Accessories

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

## Dimensions

- Set Width: 1116 mm
- Set Height: 645 mm
- Set Depth: 81 mm
- Product weight: 12.7 kg
- Set width (with stand): 1116 mm
- Set height (with stand): 716 mm
- Set depth (with stand): 71 mm
- Product weight (+stand): 13 kg
- Box width: 1240 mm
- Box height: 785 mm
- Box depth: 150 mm
- Weight incl. Packaging: 16.5 kg
- Distance between 2 stands: 911 mm
- Wall mount dimensions: 200 x 300 mm

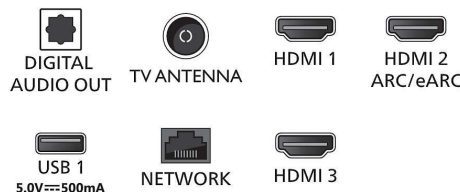


## Connections

### Side



### Down



Issue date 2024-05-09

Version: 11.11.2

EAN: 87 18863 03916 8

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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.
- \* 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.
- \* Works with Google Assistant is applicable in the countries where Google have introduced the function.
- \* 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.