



Philips The One  
4K Ambilight TV

126 cm (50") Ambilight TV

P5 Perfect Picture Engine  
Titan OS smart platform  
Dolby Vision and Atmos



50PUS8949

## 4K Ambilight TV

The One that has it all

Turn up the joy with The One! This 4K Ambilight TV gives you everything you want: epic picture quality, a responsive home screen packed with the streaming services you love, and incredible gaming. Get ready for your best nights in ever.

### Ready for the content you love.

- Cinematic vision and sound. Dolby Vision and Dolby Atmos.
- Ultra-sharp picture. Vibrant viewing.
- Game on! 144 Hz\*, ultra-low input lag, VRR, FreeSync.

### Right at home with you

- Remote made from recycled plastic. Responsible packaging.
- Philips Wireless Home System powered by DTS Play-Fi.
- Great TV sound. And easy to add soundbars or speakers.
- Easily connect to smart home networks and voice assistants.
- Compatible with Matter and Control4.

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

- The One with immersive Ambilight.
- The One with looks to thrill. Philips P5 picture engine.
- The One with TITAN OS.

# PHILIPS

4K Ambilight TV  
126 cm (50") Ambilight TV P5 Perfect Picture Engine, Titan OS smart platform, Dolby Vision and Atmos

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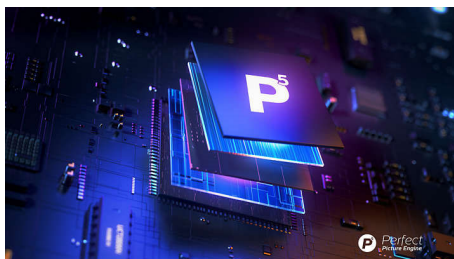
# Highlights

## Ambilight TV



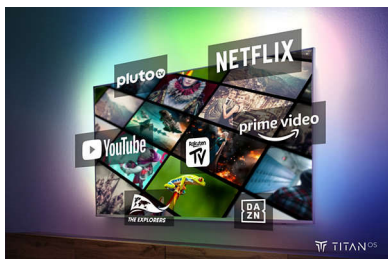
Ambilight TVs are the only TVs with integrated LED lights on the back that react to what you watch, immersing you in a halo of colourful light. It changes everything: your TV seems bigger, and you'll be drawn deeper into your favourite sports, films, music and games.

## P5 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.

## TITAN OS smart platform



It's quick and easy to find what you love with our TITAN OS smart TV platform. Enjoying a series? You can continue watching straight

from the home screen. If you're looking for something new, you can browse categories like action or drama and see suggestions from the top streaming services, all in one place.

## 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.

## Vibrant HDR 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.

## 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 in an instant or drift perfectly around a corner! VRR and FreeSync are both supported. Ambilight's

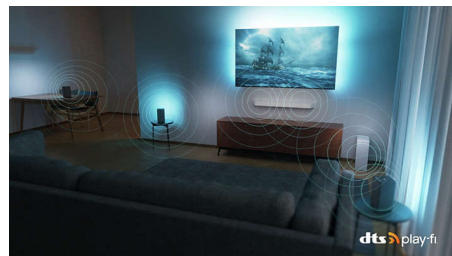
gaming mode makes the thrills feel bigger and, if you're gaming on a PC, you can enjoy 144 Hz VRR via HDMI.

## Sustainable materials



The central swivel stand means you can place The One anywhere and still get the best view, plus you can use Ambilight for instant mood lighting when the screen is off. The TV remote is made from recycled plastic, our packaging uses FSC-certified recycled cardboard and the inserts are printed on recycled paper.

## DTS Play-Fi compatible



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.

AMBILIGHT tv

 Perfect Picture Engine

 TITAN OS

 Dolby Vision-Atmos

 AMD FreeSync Premium

 amazon alexa built-in

# Specifications

## Ambilight

- Ambilight Features: Wall colour adaptive, Lounge light mode, Ambilight Music, AmbiSleep, Sunrise Alarm, Ambilight FTI 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
- Picture engine: P5 Perfect Picture Engine

## Display input resolution

- Resolution-Refresh rate: 576 p - 50 Hz, 640 x 480 - 60 Hz, 720 p - 50 Hz, 60 Hz, 1920 x 1080p -24/25/30/50/ 60/100/120/144Hz, 2560 x 1440 - 60/120/144Hz, 3840x2160p - 24/25/30/50/60/100/120/144Hz

## 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

## Smart TV

- SmartTV apps\*: Netflix, HBO, YouTube, Amazon Prime Video, TITAN channel, NFT app\*, STB Controller App
- OS: TITAN OS
- Memory size (Flash)\*: 8 GB

## Smart TV Features

- User Interaction: Screen mirroring
- Interactive TV: HbbTV
- Voice assistant\*: Amazon Alexa Built-in
- Smart Home experience: Works with Amazon Alexa, Works with Google assistant, MATTER, Control4

## Multimedia Applications

- Video Playback Formats: AVI, MKV, HEVC, H.264/ MPEG-4 AVC, MPEG1, MPEG2, MPEG4, VP9, HEVC (H.265), AV1
- Music Playback Formats: MP3, WAV, AAC, FLAC
- Subtitles Formats Support: SRT, SMI, SSA, SUB,

## ASS, TXT

- Picture Playback Formats: JPEG, GIF, PNG, BMP, HEIF

## Sound

- Output power (RMS): 40 W
- Speaker configuration: 4 x 10 W full-range speakers
- Codec: Dolby Digital, Dolby Atmos®, DTS:X
- Sound Enhancement: Dolby Bass Enhancement, Clear Dialogue, A.I. Sound, A.I. EQ, Dolby Volume Leveller, Night Mode, Sound Personalisation

## 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 5.2
- HDCP 2.3: Yes on all HDMI
- HDMI ARC: Yes on HDMI2
- HDMI 2.1 features: eARC on HDMI 2, eARC/VR/ ALLM supported
- EasyLink 2.0: HDMI-CEC for Philips TV/SB, External setting via TV UI

## Supported HDMI video features

- Gaming: ALLM, HDMI VRR, AMD FreeSync Premium
- HDR: HLG, HDR10, HDR10+ Compatible

## EU Energy card

- EPREL registration numbers: 1883941
- Energy class for SDR: F
- On mode power demand for SDR: 65 kWh/1000h
- Energy class for HDR: G
- On mode power demand for HDR: 164 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 0.5 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 Use Guide, Legal and safety brochure

## Design

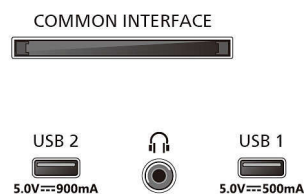
- Colours of TV: Anthracite grey bezel
- Stand design: Satin chrome stand

## Dimensions

- Distance between 2 stands: 475 mm
- Wall-mount compatible: 200 x 300 mm
- TV without stand (W x H x D): 1116 x 656 x 81 mm
- TV with stand (W x H x D): 1116 x 715 x 287 mm
- Package carton (W x H x D): 1240 x 805 x 174 mm
- Weight of TV without stand: 13.4 kg
- Weight of TV with stand: 15.9 kg
- Weight incl. packaging: 22.0 kg

## Connections

### Side



### Bottom



Issue date 2024-07-04

Version: 4.4.1

EAN: 87 18863 04169 7

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

\* 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.

\* 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.

\* Smart TV app availability varies by TV model and country. For more details, please visit: [www.philips.com/smarttv](http://www.philips.com/smarttv).

\* Philips TV Remote app and related functionalities vary by 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).

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

\* Netflix subscription required. Subject to terms on <https://www.netflix.com>

\* Amazon Prime is available in selected languages and countries.

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

\* Over-the-top media services button on the remote control will be different in each country. Please refer to the actual product in the box.

\* Google Assistant is available in different languages and countries specific to product types.

\* Availability and functionality of voice control services varies according to country and language. For the latest information, please contact our customer care.

\* HBO Max app service will be available by August 2024.

\* Matter/Control4: this feature will become available in 2024 via a software update.