

# PHILIPS



## 4K Ambilight TV

### The One

126 cm (50") Ambilight TV

4K QLED. 120 Hz

P5 Picture Engine

Dolby Vision and Dolby Atmos



50PUS9080

## The One to watch

Picture this. Big cinematic nights in. Seamless gaming moves. Surround sound. Endless Smart TV choice. And 4K Ambilight TV that flows beyond the screen. It's not just easy to use, it's The One that has it all.

### Sounds more than impressive

- Add clarity to each word with Vocal Boost
- European design thinking
- Every size to fit your needs

### Keep it connected

- Titan OS. Find it easily.
- Connect with ease to your smart home network
- DTS:X for 3D immersive sound experiences
- Take your gaming to the next level

### Give yourself a better view

- Seeing is believing with the Philips P5 picture engine
- Cinematic viewing experiences with Dolby
- Defined picture sharpness and vibrancy with 4K QLED
- The only TV with integrated lights on the back

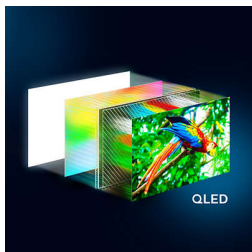
# Highlights

## Ambilight



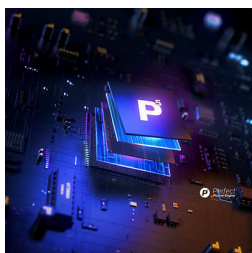
Imagine integrated LED lights reacting to everything you watch, immersing you in a halo of colour. Ambilight changes everything: now your screen will seem bigger, drawing you deeper into all of your favourite television. Once experienced, you'll never want another TV without it.

## 4K QLED



Vivid colours. Ultra-sharp scenes. It's picture perfection at its finest. With 4k (UHD), this is Ambilight TV that adapts to all of your HDR formats. With every incredible moment, whether dark or light, played or streamed, you can devour each detail as you watch scene by scene.

## P5 picture engine



Picture this—detail with greater depth, colour so incredibly vivid, skin tones so real. With such smooth, natural motion and imagery this crisp,

it's as if you can feel yourself there in the moment. Open your eyes, elevate the senses and let yourself feel the difference.

## Dolby Vision and Dolby Atmos



Dolby Vision and Dolby Atmos drop you straight into the director's seat. Each scene clearly defined at cinema standard, it's a delight for your eyes and ears. Whether for movies, sports or games, surround yourself with lifelike cinematic experiences with each incredible moment.

## DTS:X compatible



DTS:X makes all the difference, with sound so real you can feel it. With 3D audio technology to add another dimension, it moves around freely to immerse you deeper into the moment.

## Great for gaming

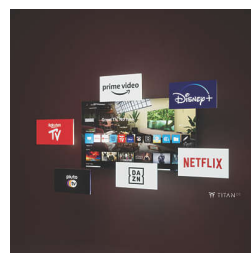


From joystick junkies to the most devout of gamers, this is all about super-responsive gameplay and graphics without skipping a beat. With VRR 144 Hz, HDMI 2.1, ultra-low lag and Freesync premium, everything is ready for smoother gameplay. And with Ambilight gaming mode, it's time to immerse yourself even deeper into the action.

## Vocal Boost

Hear each word with greater clarity. Vocal Boost enables the listener to turn the dialogue volume up or down without any effect on the background sound. You won't miss a single moment now that each spoken sentence comes across with greater clarity.

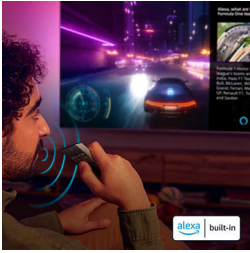
## Philips Smart TV Titan OS



The Philips Smart TV Titan OS platform brings what you love to watch, and fast. From sequels to series and documentaries to drama, everything you want is there at the touch of a button. Whatever you're looking to watch, keep all the best streaming apps easily within your reach.

## Highlights

### Seamless control



Matter Smart Home compatibility brings seamless integration to your existing smart home network. To control the TV from your Matter Smart Home app or with voice control services, simply push the button on your remote

and speak. Dim the lights. Adjust your thermostat. Even turn on your Philips Ambilight TV. A single command does it all.

### Sustainable expertise

Carefully considered central swivel stand for a more flexible angle of vision and to reduce glare. Lounge mode to enhance the lighting in your room. Recycled plastic that forms your remote. With FSC-certified recycled cardboard packaging and paper instructions, this is everything you'd expect from the Philips Ambilight TV.

### Multiple sizes



Size matters. And in this case, it's how your television blends beautifully into your room. Whether you go for a snug-fit small screen or scale up to fit your home cinema space, you can make your choice according to your needs. From 43" up to an incredible 75" this is clearly The One to watch.

# The One

4K Ambilight TV

50PUS9080/12

## Specifications

### Ambilight

**Ambilight Features:** Ambilight FTI Animation, Ambilight Music, AmbiSleep, Game Mode, Lounge light mode, Sunrise Alarm, Wall colour adaptive

**Ambilight Version:** 3 sided

### Picture/Display

**Diagonal screen size (inch):** 50 inch

**Diagonal screen size (metric):** 126 cm

**Display:** 4K Ultra HD QLED

**Panel resolution:** 3840 x 2160p

**Native refresh rate:** 120 Hz

**Picture engine:** P5 Perfect Picture Engine

**Picture enhancement:** Calman, Calman Autocal Ready and Manual Calibration, Crystal Clear, Dolby Vision, ECO, Game, HDR10+ compatible, Home Cinema, MEMC / FRC Embedded, Micro Dimming Pro, Monitor, Movie, Personal, Ultra Resolution

**Variable Refresh Rate:** 144 Hz

### 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, 3840 x 2160p -

24/25/30/50/60/100/120/144 Hz

### Tuner/Reception/Transmission

**Digital TV:** DVB-T/T2/T2-HD/C/S/S2

**Signal strength indication**

**Teletext:** 1000 page Hypertext

**HEVC support**

### Smart TV

**SmartTV apps\*:** Amazon Prime Video, BBC iPlayer, Disney+, HBO, Netflix\*, NFT app\*, YouTube

**OS:** TITAN OS

**Memory size (Flash)\*:** 8 GB

### Smart TV Features

**Interactive TV:** HbbTV

**Voice assistant\*:** Amazon Alexa Built-in, Works with Google Home, RC with Mic.

**Smart Home experience:** Control4, MATTER

**Gaming Control Bar:** Gamebar 2.0

### 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

# Specifications

## Sound

Audio: 2.0 Channel

Output power (RMS): 40 W

Speaker configuration: 4 x 10 W full-range speakers

Codec: DTS:X, Dolby Digital, Dolby Atmos®

Sound Enhancement: All Sound Style, AVL Mode, Bass Enhancement, Dolby Media Intelligence, Dolby Atmos Virtualiser, DTS Play-Fi, Equalizer, Hearing Profile, Night Mode, Room Calibration, Vocal Boost

Headphone Features: Dolby Atmos for Headphone

Sound Engine: IntelliSound

Main Speaker: Full Range Bass Reflex (FR01A)

Woofer: Triple Ring Balance Quad PR

## Connectivity

Number of HDMI connections: 4

HDMI features: 4K, Audio Return Channel

EasyLink (HDMI-CEC): One touch play, Remote control pass-through, System audio control, System standby

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

## Supported HDMI video features

Gaming: HDMI VRR, ALLM

HDR: Dolby Vision, HDR10+ Compatible, HLG

## EU Energy card

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:

152 kWh/1000h

Off mode power consumption: n.a

Networked standby mode: 2.0 W

Panel technology used: QLED LCD

## Power

Mains power: AC 100-240 V 50/60 Hz

Standby power consumption: less than 0.3 W

Power Saving Features: Auto switch-off timer, Eco mode, Light sensor, Picture mute (for radio)

## Accessories

Included accessories: 2 x AAA Batteries, Legal and safety brochure, Power cord, Quick Use Guide, Tabletop stand, Remote Control

## Design

Colours of TV: Plastic gun metal bezel

Stand design: Plastic charcoal-coloured central stand

## Dimensions

Distance between 2 stands: 500 mm

Wall-mount compatible: 200 x 300 mm

TV without stand (W x H x D):

1116 x 656 x 82 mm

TV with stand (W x H x D): 1116 x 715 x 257 mm

Package carton (W x H x D):

1240 x 805 x 174 mm

Weight of TV without stand: 13.2 kg

Weight of TV with stand: 15.7 kg

Weight incl. packaging: 19.8 kg



\* 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.

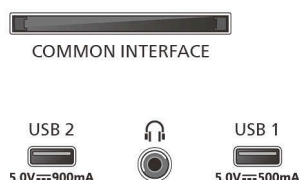
\* Google Assistant is available in different languages and countries specific to product types.

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

\* \*Apple, AirPlay and Apple Home are trademarks of Apple Inc., registered in the U.S. and other countries and regions.

## Connections

Side



Down

