

# PHILIPS



## 4K Ambilight TV

### LED

126 cm (50") Ambilight TV

4K LED

HDR10+

Dolby Atmos and DTS:X



50PUS8000

## Drench yourself in Ambilight

Meet Ambilight TV. Smart TV powered by Titan OS. European design excellence. All your movies, shows and sport brought to you at speed with sublime image quality. Immerse yourself in colour, light and 3D cinema-like sound.

### Design that speaks volumes

- European design, sustainable thinking
- Add clarity to each word with Vocal Boost
- Size up to choose
- Game ready connectivity

### 4K LED TV with Ambilight

- There's TV. And there's Ambilight TV
- Vivid moments. Sharper scenes.

### Smart. Sleek. Connected

- Titan OS. Find it easily.
- Connect seamlessly to smart home networks

### Vivid viewing, cinematic sound

- Colour and contrast unleashed with HDR10+
- Surround yourself in Dolby Atmos and DTS:X

LED

4K Ambilight TV

50PUS8000/12

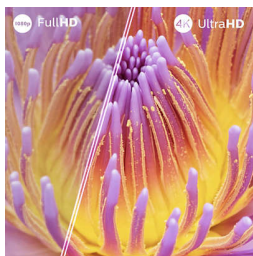
# Highlights

## Ambilight



With integrated LED lights that react to each scene, Ambilight immerses you in a halo of colourful light. All your entertainment goes beyond the screen to draw you deeper into the moment. Once experienced, you'll never want another TV without it.

## 4K LED with Pixel Precise Ultra HD



Zoom in. Lose yourself in the detail. This is 4K picture precision that goes beyond the imaginable. With a Pixel Precise Ultra HD screen for sharpness and lifelike detail, it fills each moment with breathtaking experiences.

## HDR10+



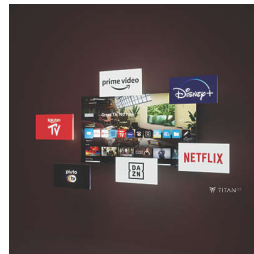
Expect more detail. Frame by frame improved picture quality. With greater emphasis on colour and contrast, this is where even the darkest moments and the brightest scenes are made clearer.

## Dolby Atmos and DTS:X



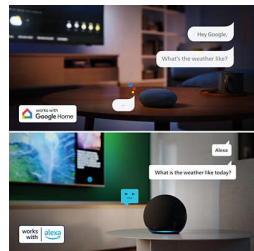
With Dolby Atmos for sound just as the director intended and DTS:X to create 3D sound experiences, it's as if you're really there. Adding this extra dimension to sound brings a more immersive experience to your home.

## 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.

## Matter Smart Home compatible



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. The TV is compatible with Alexa-enabled devices and Apple AirPlay too.

## European design

Edge stand. Thin frame. 4K LED TV. This is European design quality. With fast, easy to find content thanks to Titan OS, each tiny detail has been carefully put together, right down to the recycled plastic remote and recycled FSC-certified packaging that it comes with.

## Vocal Boost

Hear each word clearly. 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.

## Ready for gaming

HDMI 2.1 and VRR help you get the best from your console, meaning faster gameplay and smoother graphics. With its low-input-lag setting that cuts in automatically when you turn on your console, you're all set for the next level in gaming.

## Multiple sizes



Go big. Go small. Go for a television that blends in perfectly with your needs. From a small screen 43" right up to a 65" TV, size up the incredible 8000 Series for the smarter choice in TV.

AMBILIGHT tv

4K UltraHD

HDR10+

Dolby Atmos

TITAN OS

works with alexa

IntelliSound

Ready for gaming

LED

4K Ambilight TV

50PUS8000/12

# Specifications

## Ambilight

**Ambilight Features:** Ambilight FTI Animation, Ambilight Music, AmbiSleep, Gaming 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 LED

**Panel resolution:** 3840 x 2160p

**Picture engine:** Pixel Precise Ultra HD

**Picture enhancement:** Crystal Clear, ECO, Game, HDR 10+ Compatible, Home Cinema, Monitor, Micro Dimming, Movie, Personal, Pixel Precise Ultra HD, Ultra Resolution

## Display input resolution

**Resolution-Refresh rate:** 640 x 480 - 60 Hz, 576p - 50 Hz, 720p - 50/60 Hz, 1920 x 1080p - 24/25/30/50/60 Hz, 2560 x 1440 - 60 Hz, 3840 x 2160p - 24/25/30/50/60 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, NFT app\*, Netflix\*, YouTube

**OS:** TITAN OS

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

## Smart TV Features

**Interactive TV:** HbbTV

**Voice assistant\*:** Works with Alexa, Works with Google Home

**Smart Home experience:** MATTER, Control4

**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

## Sound

**Audio:** 2.0 Channel

**Output power (RMS):** 20 W

**Speaker configuration:** 2 x 10 W full-range speakers

**Sound Enhancement:** AVL Mode, All Sound Style, Bass Enhancement, Dolby Atmos<sup>®</sup>, Dolby Media Intelligence, Entertainment, Equalizer, Hearing Profile, Night Mode, Personal, Vocal Boost, DTS-X

**Headphone Features:** Dolby Atmos for Headphone

**Sound Engine:** IntelliSound

**Main Speaker:** Full Range Bass Reflex (FR01A)

# Specifications

## Connectivity

**Number of HDMI connections:** 3

**HDMI features:** 4K, Audio Return Channel

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

**Wireless connection:** Wi-Fi 802.11ac, 2 x 2, Dual band, Bluetooth 5.2, easy-pair (RC blue button)

**HDCP 2.3:** Yes on all HDMI

**HDMI ARC:** Yes on HDMI1

**HDMI 2.1 features:** eARC on HDMI 1, eARC/VRR/ALLM supported

**EasyLink 2.0:** External setting via TV UI, HDMI-CEC for Philips TV/SB

## Supported HDMI video features

**Gaming:** ALLM, HDMI VRR

**HDR:** HLG, HDR10, HDR10+ Compatible

## EU Energy card

**EPREL registration numbers:** 2229834

**Energy class for SDR:** E

**On mode power demand for SDR:**

48 kWh/1000h

**Energy class for HDR:** G

**On mode power demand for HDR:**

95 kWh/1000h

**Off mode power consumption:** n.a

**Networked standby mode:** 2.0 W

**Panel technology used:** LED LCD

## Power

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

**Standby power consumption:** less than 0.5 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, Remote Control, Tabletop stand, Power cord, Quick Use Guide

## Design

**Colours of TV:** Matt black bezel

**Stand design:** Black metal arch stand

## Dimensions

**Distance between 2 stands:** 804 mm

**Wall-mount compatible:** 200 x 100 mm

**TV without stand (W x H x D):**

1110 x 650 x 88 mm

**TV with stand (W x H x D):** 1110 x 709 x 281 mm

**Package carton (W x H x D):**

1210 x 736 x 131 mm

**Weight of TV without stand:** 8.50 kg

**Weight of TV with stand:** 8.80 kg

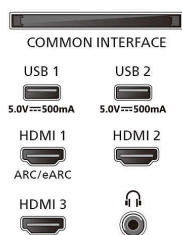
**Weight incl. packaging:** 11.18 kg



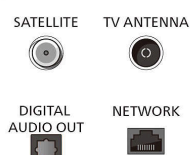
## Connections

43PUS8000/50PUS8000/55PUS8000

### Side



### Rear



- \* 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.

