

# PHILIPS



## 4K Ambilight TV

### QLED

126 cm (50") Ambilight TV

4K QLED

Pixel Precise Ultra HD

Dolby Atmos®



50PUS8510

## Innovative. Immersive. Incredible.

Brace yourself for 4K QLED colour brilliance, immersive Ambilight and Dolby Atmos with 3D cinema-like sound. With Titan OS to bring you everything you love to watch, this TV doesn't just enhance the moment, it commands a better viewing experience.

### Feel each moment with 4K QLED Ambilight TV

- There's TV. And there's Ambilight TV
- 4K QLED for vibrant viewing and quantum dot colour quality
- Dolby Atmos creates cinema-like sound
- Get closer to the detail with pixel precision

### Design that speaks volumes

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

### Smart. Sleek. Connected.

- DTS:X for 3D immersive sound experiences
- Connect with ease to your smart home network
- Keep content closer with Titan OS

**QLED**

4K Ambilight TV

50PUS8510/12

# Highlights

## Ambilight



With integrated LED lights that react to each scene, Ambilight immerses you in a halo of colourful light. Movies, sports, music videos and gaming expand beyond the screen to draw you deeper into the moment. 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 your HDR formats. Each incredible moment, whether dark or light, played or streamed, you can devour each detail as you watch scene by scene.

## Pixel Precise Ultra HD



With 8 million pixels all working closely together in harmony, this is 4K viewing like no other. With the sharpest images set to define more detailed,

lifelike scenes, nothing captures the moment more truthfully than with this Philips Ambilight TV.

## Dolby Atmos®



Brace yourself. Dolby Atmos creates sound just as the director intended. Each moment immersing you even deeper into the scene. Whether with movies, series, sports or games, you'll soon get lost in the moment.

## DTS:X compatible

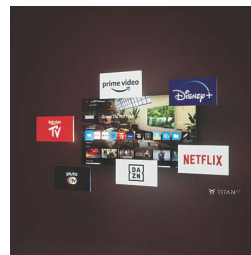


DTS:X makes all the difference, with sound so real it's as if you're there. With 3D audio technology adding another dimension to your sound, your living room will be transformed into an auditorium.

## Vocal Boost

Hear each word with precision. 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.

## 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.

**AMBILIGHT tv**

**4K QLED**

**PixelPrecise  
ULTRA HD**

**Dolby Atmos**

**dts x**

**TITAN OS**

**alexa | built-in**

**Ready  
for gaming**

QLED

4K Ambilight TV

50PUS8510/12

# Highlights

## Ready for gaming

HDMI 2.1 and VRR help you get the best from your console with 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.

## Sustainable expertise

Edge stand, sleek slim frame, remarkable QLED TV—this is European design at its finest. Set your Ambilight to lounge mode to drench your room in colour while your TV sleeps. And with its remote formed from recycled plastic and the packaging from FSC-certified cardboard, even the inserts are carefully considered and printed on recycled paper.

## Multiple sizes



Small screen 43" TV. Jaw-dropping 85" TV. And everything in between. This is all about creating greater choice, just to ensure that your television

blends in beautifully. With six different sizes, you're sure to select the perfect TV for your home.

# Specifications

## Ambilight

**Ambilight Features:** AmbiSleep, Ambilight FTI Animation, Ambilight Music, 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 QLED

**Panel resolution:** 3840 x 2160p

**Native refresh rate:** 60 Hz

**Picture engine:** Pixel Precise Ultra HD

**Picture enhancement:** Crystal Clear, ECO, Game, HDR10+ compatible, Home Cinema, Monitor, Movie, Micro Dimming, Personal, Ultra Resolution

## 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/ 60Hz, 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\*:** Amazon Alexa Built-in, Works with Google Home, RC with Mic.

**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

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

**Sound Enhancement:** AVL Mode, Bass

Enhancement, Dolby Media Intelligence,

Entertainment, Equalizer, Hearing Profile, Night

Mode, Room Calibration, Personal, Vocal Boost

**Headphone Features:** Dolby Atmos for

Headphone

**Sound Engine:** IntelliSound

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

## Connectivity

**Number of HDMI connections:** 3

**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 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:** 2232899

**Energy class for SDR:** F

**On mode power demand for SDR:**

58 kWh/1000h

**Energy class for HDR:** G

**On mode power demand for HDR:**

92 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 0.5 W

**Power Saving Features:** Auto switch-off timer, Light sensor, Eco mode, 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:** 810 mm mm

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

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

1111 x 649 x 88 mm

**TV with stand (W x H x D):** 1111 x 713 x 280 mm

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

1240 x 780 x 133 mm

**Weight of TV without stand:** 8.78 kg

**Weight of TV with stand:** 9.19 kg

**Weight incl. packaging:** 12.45 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.

