



Philips LED  
4K Ambilight TV

126 cm (50") Ambilight TV

Supports major HDR formats  
Dolby Atmos sound  
Philips Smart TV



50PUS8108

## Your wish is this TV's command!

### 4K Ambilight TV

Want to enjoy the latest releases? Just tell this TV's built-in Alexa what you're looking for, then sit back as immersive Ambilight draws you deeper into the drama! You'll enjoy an ultra-sharp picture and realistic Dolby Atmos sound too.

#### **4K LED Ambilight TV. Super-sharp and immersive**

- Immerse in what you love. Ambilight TV.
- Ultra-sharp picture. Vibrant viewing.
- Cinematic vision and sound. Dolby Vision and Dolby Atmos.

#### **Simply great TV. Packed responsibly.**

- Great TV. No fuss. Philips Smart TV.
- Voice control. Works with Google Assistant\* and Alexa
- Slim TV. Packed for the future.

#### **Looks great, whatever you watch or play.**

- Compatible with all major HDR formats
- Great for gaming. VRR and low input lag on any console.

# PHILIPS

# 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.

## Ultra-sharp picture

No matter what you watch, this 4K LED Ambilight TV gives you a bright, ultra-sharp picture with vivid colors. The 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.

## 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.

## Philips Smart TV

You'll find it fast with our new smart TV. 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.

## AI voice control

There's a choice of voice assistants ! You can speak directly to the TV's built-in Alexa via a button on your remote control. If you're watching at the time, the TV volume will lower so that the TV's integrated mic can pick up your voice clearly. Or you can control your TV via Google smart speakers.

## Responsible packaging.

The virtually bezel-free screen of this Ambilight TV goes with just about any interior, and the slim, dark-gray stand is the perfect height to accommodate a soundbar. Our packaging uses FSC-certified recycled cardboard and our printed materials use recycled paper.

## Good for gaming.

HDMI 2.1 lets you get the best from your console, with fast gameplay and smooth graphics. VRR is supported, and a low-input-lag setting activates automatically when you turn on your console. Ambilight's gaming mode makes the thrills feel bigger.

# Specifications

## Ambilight

- Ambilight Version: 3-sided
- Ambilight Features: Wall colour adaptive, Lounge mode, Game Mode, Ambilight Music, AmbiSleep, Built in Ambilight

## Picture/Display

- Display: 4K Ultra HD LED
- Diagonal screen size (metric): 126 cm
- Panel resolution: 3840 x 2160
- Native refresh rate: 60 Hz
- Picture engine: Pixel Precise Ultra HD
- Picture enhancement: HDR10, HLG (Hybrid Log Gamma), HDR10+ compatible, Dolby Vision

## 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

## Smart TV

- OS: Smart TV with new OS

## Processing

- Processing Power: Dual Core

## Smart TV Features

- User Interaction: SimplyShare, Screen mirroring
- Interactive TV: HbbTV
- SmartTV apps\*: Youtube, Philips store, Netflix
- Voice assistant\*: Amazon Alexa built-in, Works with Alexa, Works with Google Assistant

## Tuner/Reception/Transmission

- Digital TV: DVB-T/T2/T2-HD/C/S/S2
- TV Program guide\*: 8 day Electronic Program Guide
- Signal strength indication
- Teletext: 1000 page Hypertext
- HEVC support

## Power

- Mains power: AC 220 - 240 V 50/60Hz
- Standby power consumption: <0.3W
- Power Saving Features: Auto switch-off timer, Picture mute (for radio), Eco mode, Light sensor
- Off mode power consumption: N/A

## Sound

- Output power (RMS): 20W
- Sound Enhancement: A.I. Sound, Clear Dialogue, Dolby Atmos, Dolby Bass Enhancement, Dolby Volume Leveler, Night mode, A.I. EQ
- Codec: Dolby Digital MS12 V2.6
- Speaker configuration: 2x10W full range speaker

## Connectivity

- Number of HDMI connections: 3
- Number of USBs: 2
- Wireless connection: Wi-Fi 802.11ac, 2x2, Dual band, Bluetooth 5.0
- Other connections: Common Interface Plus (CI+), Ethernet-LAN RJ-45, Digital audio out (optical), Headphone out, Service connector, Satellite Connector
- HDMI features: 4K, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- 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: HDMI-CEC for Philips TV/SB, External setting via TV UI

## Supported HDMI video features

- HDR: HLG, HDR10, HDR10+, Dolby Vision
- Gaming: ALLM, HDMI VRR

## Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, VP9, HEVC (H.265), AV1
- Subtitles Formats Support: .SMI, .SRT, .SSA, .SUB, .TXT, .ASS
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10), FLAC
- Picture Playback Formats: JPEG, BMP, GIF, PNG, HEIF

## Design

- Colors of TV: Satin chrome bezel
- Stand design: Stain chrome arch stand

## Dimensions

- Box dimensions (W x H x D): 1240.0 x 785.0 x 150.0 mm

- Set dimensions (W x H x D): 1116.0 x 657.0 x 82.0 mm
- Set dimensions with stand (W x H x D): 1116.0 x 716.0 x 258.0 mm
- Product weight: 11.9 kg
- Product weight (+stand): 12.1 kg
- Weight incl. Packaging: 15.2 kg
- Wall mount compatible: 200 x 300 mm
- Stand dimensions (W x H x D): 729.0 x 72.0 x 258.0 mm
- Distance between 2 stands: 729.0 mm
- Stand height to TV bottom edge: 72.0 mm

## Accessories

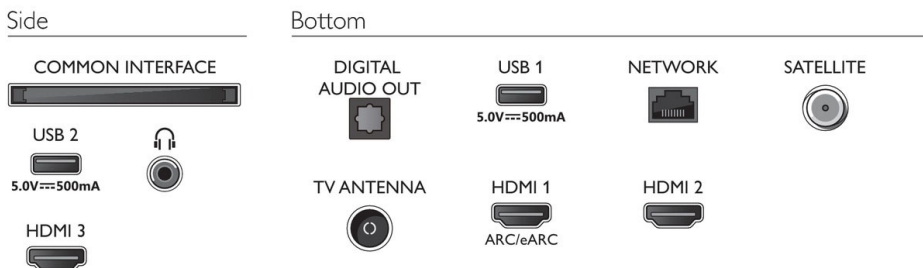
- Included accessories: Remote Control, 2 x AAA Batteries, Table top stand, Power cord, Quick start guide, Legal and safety brochure

## EU Energy card

- EPREL registration numbers: 1446282
- Energy class for SDR: F
- On mode power demand for SDR: 61 Kwh/1000h
- Energy class for HDR: G
- On mode power demand for HDR: 112 Kwh/1000h
- Off mode power consumption: n.a.
- Networked standby mode: 2.0 W
- Panel technology used: LED LCD



## Connections



Issue date 2023-04-19

Version: 2.3.1

12 NC: 8670 001 88178  
EAN: 87 18863 03693 8

© 2023 Koninklijke Philips N.V.  
All Rights reserved.

Specifications are subject to change without notice.  
Trademarks are the property of Koninklijke Philips N.V.  
or their respective owners.

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

\* EPG and actual visibility (up to 8 days) is country and operator dependent.  
\* 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.  
\* 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).  
\* Smart TV app offerings vary per TV model and country. For more details please visit: [www.philips.com/smarttv](http://www.philips.com/smarttv).  
\* 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.  
\* 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.  
\* Netflix subscription required. Subject to terms at <https://www.netflix.com>  
\* Rakuten TV is available in selected languages and countries.  
\* Google Assistant is available in selected languages and countries. The list of supported countries and languages will be expanded over time. For the latest information, please contact our customer care.