



Philips The One
4K Ambilight TV

126 cm (50") Ambilight TV

P5 Perfect Picture Engine
Major HDR formats supported
Google TV™



50PUS8508

The One that has it all.

4K Ambilight TV

Give your leisure time a boost with the one. This 4K Ambilight TV immerses you in every show, movie, and game! You get thrilling picture quality, all the must-have streaming apps, and a stand that easily adjusts to accommodate a soundbar.

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 Dolby Vision and Dolby Atmos.

Great picture. Flexible sound. Responsibly packed.

- Ultra-sharp picture. Vibrant viewing.
- Slim TV. Packed for the future.
- Attractive design. Stand height adjusts for a soundbar.
- Philips Wireless Home System powered by DTS Play-Fi
- Great TV sound. And easy to add soundbars or speakers

Ready for the content you love.

- Loves gaming. 60Hz, ultra-low input lag. VRR, FreeSync
- 60Hz native re-refresh rate. 120Hz Ultra Motion Clarity.
- Entertainment you love, with a little help from Google.
- Voice control. Google Assistant. Works with Alexa

PHILIPS

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50PUS8508/12

Highlights

The one with Ambilight.

The one with immersive Ambilight.

P5 perfect picture engine

The Philips P5 engine delivers a picture as brilliant as the content you love. Details have noticeably more depth. Colors are vivid, while skin tones look natural. Contrast is so crisp you'll feel every detail. Motion is perfectly smooth.

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.

Ultra-sharp picture

No matter what you watch, you'll enjoy a bright, ultra-sharp picture with vivid colors. 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.

Responsible packaging

Slim TV. Packed for the future.

Loves gaming

Can't wait to play? Your 60Hz Ambilight TV with HDMI 2.1 supports fast gameplay and its Ultra Motion Clarity mode gives a sharper, smoother picture. Turn on your console and an ultra-low-input-lag setting is automatically activated-and Ambilight's gaming mode makes the thrills feel even bigger.

Google TV™

What do you want to watch? Google TV brings together movies, shows, and more, from across your apps and subscriptions-and organises them just for you. You'll get suggestions based on what you like, and you can even use the Google TV app on your phone to curate your watchlist on the go.

AI voice control

Voice control. Google Assistant. Works with Alexa

DTS Play-Fi

Great TV sound. And easy to add soundbars or speakers



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Specifications

Ambilight

- Ambilight Version: 3-sided
- Ambilight Features: Wall colour adaptive, Lounge mode, Game Mode, Ambilight Music, AmbiWakeUp, AmbiSleep, Philips Wireless Home Speakers, Ambilight Aurora, Ambilight Bootup Animation

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: P5 Perfect Picture Engine
- Picture enhancement: Dolby Vision, HDR10+, Micro Dimming Pro, Natural Motion, Wide Color Gamut 90% DCI/P3, CalMAN Ready, HLG (Hybrid Log Gamma)

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

Android TV

- OS: Google TV™
- Memory size(Flash): 16GB*
- Pre-installed apps: Google Play Movies*, Google Search, YouTube, Netflix, Apple TV, BBC iplayer, Amazon Prime Video, Disney+, YouTube Music, Fitness App
- Gaming cloud: Geforce Now, Stadia

Processing

- Processing Power: Quad Core

Smart TV Features

- Interactive TV: HbbTV
- Remote Control: with Voice
- Voice assistant*: Google Assistant built-in, RC with Mic., Works with Alexa

Tuner/Reception/Transmission

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

Sound

- Codec: DTS:X, Dolby Digital MS12 V2.6.1
- Output power (RMS): 20W
- Speaker configuration: 2x10W full range speaker
- Sound Enhancement: A.I. Sound, Clear Dialogue, Dolby Atmos, Dolby Bass Enhancement, Dolby Volume Leveler, Night mode, A.I. EQ, DTS Play-Fi, Mimi Sound Personalization, Room Calibration

Connectivity

- Number of HDMI connections: 4
- Number of USBs: 2
- Wireless connection: Wi-Fi 802.11ac, 2x2, Dual band, Bluetooth 5.0
- HDMI features: 4K, Audio Return Channel
- HDMI ARC: Yes on HDMI2
- HDMI 2.1 features: eARC on HDMI 2, eARC/VRR/ ALLM supported, Max 48Gbps data rate
- HDCP 2.3: Yes on all HDMI
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- EasyLink 2.0: HDMI-CEC for Philips TV/SB, External setting via TV UI
- Other connections: Common Interface Plus (CI+), Ethernet-LAN RJ-45, Digital audio out (optical), Headphone out, Service connector, Satellite Connector

Supported HDMI video features

- Gaming: ALLM, HDMI VRR, Dolby Vision Game, AMD FreeSync Premium
- HDMI 1/2: HDMI 2.0
- HDMI 3/4: HDMI 2.0
- HDR: Dolby Vision, HDR10, HLG, HDR10+

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: .SML, .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,

360 photo, HEIF

Design

- Colors of TV: Anthracite grey bezel
- Stand design: Anthracite grey offset sticks

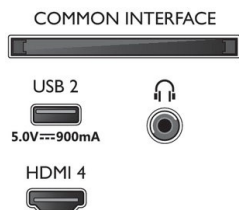
Dimensions

- 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 655.0 x 81.0 mm
- Set dimensions with stand (W x H x D): 1116.0 x 675.0/715.0 x 256.0 mm
- Stand dimensions (W x H x D): 737.0 x 31.0/70.0 x 256.0 mm
- Wall mount compatible: 200 x 300 mm
- Distance between 2 stands: 737.0 mm
- Stand height to TV bottom edge: 31.0/70.0 mm
- Product weight: 12.7 kg
- Product weight (+stand): 13.1 kg
- Weight incl. Packaging: 16.3 kg



Connections

Side



Bottom



Issue date 2023-04-19

Version: 3.3.2

12 NC: 8670 001 88186
EAN: 87 18863 03699 0

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- * EPG and actual visibility (up to 8 days) is country and operator dependent.
- * Android App offerings vary per country. For more details please visit your local Google Play Store.
- * 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.
- * USB recording for digital channels only, recordings may be limited by broadcast copy protection (CI+). Country and channel restrictions may apply.
- * 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.
- * Memory size (Flash) : 16G, the actual available disc space may differ (dependant on e.g. (pre-)installed apps, installed operating system, etc.)
- * 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.
- * Disney+ subscription required. Subject to terms at <https://www.disneyplus.com> (c) 2020 Disney and its related entities. Disney+ is available in selected languages and countries.
- * Google Assistant is available on Philips Android TVs running on Android O (8) or higher OS version. Google Assistant 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 TV is the name of this device's software experience and a trademark of Google LLC.
- * Google TV is the name of this device's software experience and a trademark of Google LLC. YouTube, Ok Google and other marks are trademarks of Google LLC.