

Philips LED
4K Ambilight TV

126 cm (50") Ambilight TV

P5 Perfect Picture Engine
ISDB-T
Google TV™



50PUD8808

Philips 4K Ambilight TV that has it all.

4K Ambilight TV

Philips 4K Ambilight TV will turn up the joy in your home! You get thrilling picture quality, all the apps you could want, and epic gaming. Plus, you can add a soundbar or speakers and build your perfect home cinema setup.

Great picture. Flexible sound. Responsibly packed.

- Ultra-sharp picture. Vibrant viewing.
- Attractive design with swivel stand. Perfect in any room.
- Great TV sound. And easy to add soundbars or speakers
- Philips Wireless Home System powered by DTS Play-Fi

Ready for the content you love.

- Voice control. Google Assistant. Works with Alexa
- Game on! 120Hz. VRR, FreeSync, and ultra-low input lag.
- Entertainment you love, with a little help from Google.

The One. The 4K LED Ambilight TV that has it all.

- The one with Dolby Vision and Dolby Atmos.
- The one with looks to thrill. Philips P5 picture engine.
- The one with immersive Ambilight.

PHILIPS

Highlights

The one with Ambilight.



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.

P5 perfect picture engine



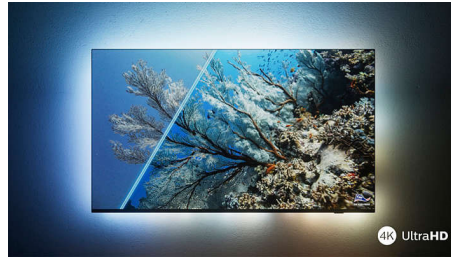
The Philips P5 engine delivers a picture as brilliant as the content you love. Details have noticeably more depth. Colors are vivid, while skin tones look natural. Contrast is so crisp you'll feel every detail. Motion is perfectly smooth.

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.

DTS Play-Fi



You get great, clear TV sound right out of the box. If you want more, Philips Wireless Home System with DTS Play-Fi lets you connect to compatible soundbars and wireless speakers around your home in seconds. You can even create a home theatre surround-sound system using your TV as a central speaker.

Loves gaming



Your Ambilight TV with HDMI 2.1 lets you make the most of your next-gen gaming gear with super-responsive gameplay and smooth graphics. Make that jump, turn on a dime, or drift perfectly through a corner! VRR and FreeSync are both supported. Ambilight's gaming mode makes the thrills feel 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



You get a choice of voice assistants! Push the Google Assistant button on your remote and you can use your voice to find movies and shows, get recommendations, control compatible smart home devices, and more. Or ask Alexa to control the TV via Alexa-enabled devices.

DTS Play-Fi

Great TV sound. And easy to add soundbars or speakers

Attractive design

Attractive design with swivel stand. Perfect in any room.

Specifications

Ambilight

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

Picture/Display

- Display: 4K Ultra HD LED
- Panel resolution: 3840 x 2160
- Native refresh rate: 120 Hz
- Picture engine: P5 Perfect Picture Engine
- Picture enhancement: Micro Dimming Pro, Wide Color Gamut 90% DCI/P3, HDR10+, Dolby Vision, CalMAN Ready, Perfect Natural Motion, HLG (Hybrid Log Gamma)

Display input resolution

- Resolution-Refresh rate: 576p-50Hz, 640x480-60Hz, 720p-50Hz,60Hz, 1920x1080p-24Hz,25Hz,30Hz,50Hz, ,60Hz,100Hz,120Hz., 2560x1440-60Hz,120Hz, 3840x2160p-24Hz,25Hz,30Hz,50Hz, , 60Hz,100Hz,120Hz.

Tuner/Reception/Transmission

- TV system: ATSC
- Digital TV: ISDB-T
- Video Playback: PAL, SECAM
- TV Program guide*: 8 day Electronic Program Guide
- Signal strength indication
- HEVC support

Android TV

- OS: Google TV™
- Pre-installed apps: Google Play Movies*, Google Search, YouTube, Netflix, Amazon Prime Video, Disney+, YouTube Music, Fitness App, meWATCH app
- Memory size(Flash): 32GB*
- Gaming cloud: Geforce Now, Stadia

Smart TV Features

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

Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, VP9, HEVC (H.265), AV1

- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10), FLAC
- Subtitles Formats Support: .SML, .SRT, .SSA, .SUB, .TXT, .ASS
- Picture Playback Formats: JPEG, BMP, GIF, PNG, 360 photo, HEIF

Processing

- Processing Power: Quad Core

Sound

- Output power (RMS): 40W
- Speaker configuration: 4x10W mid-high speaker
- Codec: DTS:X, Dolby Digital MS12 V2.6.1
- 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
- HDMI features: 4K, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- Number of USBs: 2
- Wireless connection: Wi-Fi 802.11ac, 2x2, Dual band, Bluetooth 5.0
- Other connections: Ethernet-LAN RJ-45, Digital audio out (optical), Headphone out
- HDCP 2.3: Yes on all HDMI
- HDMI ARC: Yes on HDMI2
- HDMI 2.1 features: eARC on HDMI 2, eARC/VRR/ ALLM supported, Max 48Gbps data rate
- EasyLink 2.0: HDMI-CEC for Philips TV/SB, External setting via TV UI

Supported HDMI video features

- HDMI 1/2: HDMI 2.1 full bandwidth 48Gbps, upto 4K 120Hz
- Gaming: ALLM, HDMI VRR, Dolby Vision Game, AMD FreeSync Premium
- HDMI 3/4: HDMI 2.0
- HDR: Dolby Vision, HDR10, HDR10+, HLG

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

Accessories

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

Dimensions

- Set Width: 1116 mm
- Set Height: 645 mm
- Set Depth: 81 mm
- Product weight: 13 kg
- Set width (with stand): 1116 mm
- Set height (with stand): 716 mm
- Set depth (with stand): 71 mm
- Product weight (+stand): 13.5 kg
- Box width: 1240 mm
- Box height: 785 mm
- Box depth: 150 mm
- Weight incl. Packaging: 17 kg
- Wall mount dimensions: 200 x 300 mm



Connections

Side



Down



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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.
* 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.
* 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>
* Image depicted on the website are non-contractual pictures. Please always refer to the actual TV that are sold in the retail or stores.
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