



Philips LED
4K Ambilight TV

126 cm (50") Ambilight TV

Pixel Precise Ultra HD
Titan OS smart platform
Dolby Atmos sound



50PUS8309

4K Ambilight TV

Don't just watch it, love it.

Want more from your next TV? This 4K UHD Ambilight TV gives you an ultra-sharp picture, premium Dolby Atmos sound—and the thrill of Ambilight. Gaming's made epic, movies get even bigger, and music gets its own lightshow!

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

- Immerse yourself in what you love. Ambilight TV.
- Vibrant viewing with a bright, ultra-sharp picture.
- Find it easily. TITAN OS.

Cinematic sound. Epic gaming.

- Dolby Atmos for cinematic sound.
- Ready for gaming. VRR and low input lag on any console.

Slim TV. Sustainable materials.

- Remote made from recycled plastic. Responsible packaging.
- Easily connect to smart home networks and voice assistants.
- Compatible with Matter and Control4.

PHILIPS

Highlights

Ambilight TV



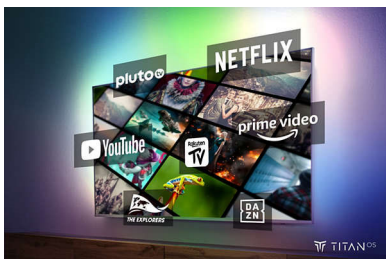
Ambilight TVs are the only TVs with integrated LED lights on the back that react to what you watch, immersing you in a halo of colourful light. This changes everything: your TV seems bigger, and you'll be drawn deeper into your favourite sports, films, music and games.

Bright, ultra-sharp picture



Love everything you watch on this bright 4K (UHD) LED Ambilight TV. The Philips Pixel Precise Ultra HD engine optimises picture quality to deliver ultra-sharp images, rich colours and smooth motion. You get the best possible viewing experience every time.

TITAN OS smart platform



Finding what you love is quick and easy with our TITAN OS smart TV platform. Enjoying a

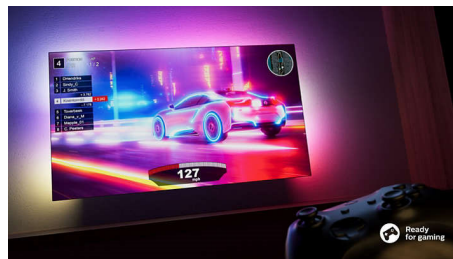
series? You can continue watching straight from the home screen. If you're looking for something new, you can browse categories like action or drama and see suggestions from the top streaming services—all in one place.

Dolby Atmos®



Dolby Atmos pulls you in deeper by placing sound effects in the space around and above you. Whether it's spaceships flying overhead or quiet footsteps sneaking up from behind, you'll feel like you're right in the middle of the action.

Ready for gaming



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

Sustainable materials

The slim stand of this Ambilight TV is high enough to fit a soundbar underneath, and you can use Ambilight as instant mood lighting when you're not watching anything. The TV

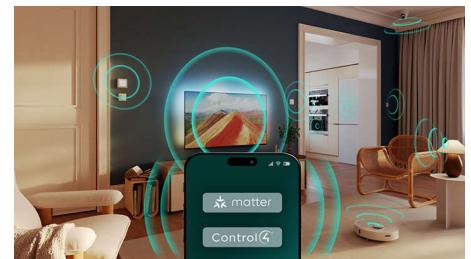
remote is made from recycled plastic, our packaging uses FSC-certified recycled cardboard and the inserts are printed on recycled paper.

Seamless control



Seamless compatibility with Matter and Control4 means you can easily integrate this 4K Ambilight TV into your existing smart home network. To control the TV with your voice, you can also press the Alexa button on the TV remote or you can use Google smart speakers.

IOT Smart Home experience



Compatible with Matter and Control4.

Specifications

Ambilight

- Ambilight Features: Wall colour adaptive, Lounge light mode, Ambilight Music, AmbiSleep, Sunrise Alarm, Ambilight FTI Animation
- 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 2160
- Picture engine: Pixel Precise Ultra HD

Display input resolution

- Resolution-Refresh rate: 640 x 480 - 60 Hz, 576 p - 50 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
- TV Programme guide*: 8-day Electronic Programme Guide
- Signal strength indication
- Teletext: 1000 page Hypertext
- HEVC support

Smart TV

- SmartTV apps*: Netflix, HBO, YouTube, Amazon Prime Video, TITAN channel, NFT app*, STB Controller App
- OS: TITAN OS
- Memory size (Flash)*: 8 GB

Smart TV Features

- User Interaction: Screen mirroring
- Interactive TV: HbbTV
- Voice assistant*: Amazon Alexa Built-in
- Smart Home experience: Works with Amazon Alexa, Works with Google assistant, MATTER, Control4

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

- Output power (RMS): 20 W
- Speaker configuration: 2 x 10 W full-range speakers
- Codec: Dolby Digital, Dolby Atmos®, DTS:X
- Sound Enhancement: Dolby Bass Enhancement, Clear Dialogue, A.I. Sound, A.I. EQ, Dolby Volume Leveller, Night Mode, Sound Personalisation

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

Supported HDMI video features

- Gaming: ALLM, HDMI VRR
- HDR: HLG, HDR10, HDR10+ Compatible

EU Energy card

- EPREL registration numbers: 1826222
- Energy class for SDR: G
- On mode power demand for SDR: 71 kWh/1000h
- Energy class for HDR: G
- On mode power demand for HDR: 118 kWh/ 1000h
- Off mode power consumption: n.a
- Networked standby mode: 2.0 W
- Panel technology used: LED LCD

Power

- Mains power: AC 220 - 240 V 50/60 Hz
- Standby power consumption: less than 0.5 W
- Power Saving Features: Auto switch-off timer, Picture mute (for radio), Eco mode, Light sensor

Accessories

- Included accessories: Remote Control, 2 x AAA Batteries, Tabletop stand, Power cord, Quick Use Guide, Legal and safety brochure

Design

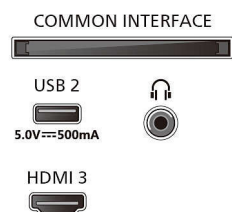
- Colours of TV: Matt black bezel
- Stand design: Black arch stands

Dimensions

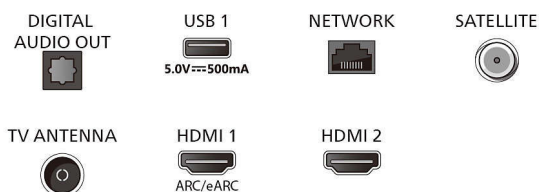
- Distance between 2 stands: 734 mm
- Wall-mount compatible: 200 x 300 mm
- TV without stand (W x H x D): 1116 x 658 x 82 mm
- TV with stand (W x H x D): 1116 x 716 x 263 mm
- Package carton (W x H x D): 1240 x 785 x 150 mm
- Weight of TV without stand: 11.6 kg
- Weight of TV with stand: 12.0 kg
- Weight incl. packaging: 15.1 kg

Connections

Side



Bottom



Issue date 2024-08-27

Version: 6.6.1

EAN: 87 18863 04080 5

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- * 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.
- * 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.
- * 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.
- * Availability and functionality of voice-control services varies according to country and language.
- * HBO Max app service will be available by August 2024.
- * Matter/Control4: this feature will become available in 2024 via a software update.