



Philips 8200 series  
4K UHD LED Android TV

126 cm (50") Ambilight TV  
1900 Picture Performance Index  
HDR 10+  
P5 Perfect Picture Engine



50PUS8204

## 4K UHD TV Android TV with Ambilight 3 sided

From HDR streaming to sport, enjoy what you love with rich picture quality, clear audio and Philips' unique Ambilight. The understated bezel of this Philips 4K LED TV adds a dash of functional beauty to any room. Ambilight adds the colours.

### **Incredible moments.**

- Philips P5 Engine. Whatever the source, always perfection.
- HDR10+ supported. See more of what the director intended.
- Dolby Vision and Dolby Atmos. Cinematic vision and sound.

### **Android TV-content at your command**

- Android TV. Simply smart.
- AI voice control. Google Assistant built in. Works with Alexa.

### **Clean design. Beautiful light.**

- Clean silver bezel. Slim, simple baseplate.
- Bright 4K LED TV. Vibrant HDR picture. Smooth motion.
- Ambilight. Take the emotion beyond the screen.

### **Clear sound. Hear every word.**

- Crisp, clear dialogue. Punchy effects.
- Well-balanced audio from full-range speakers.

# PHILIPS

# Highlights

## Ambilight 3 sided



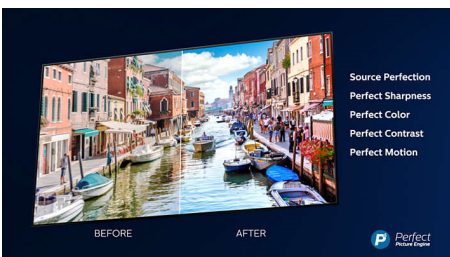
With Philips Ambilight, movies and games feel more immersive. Music gets a light show. And your screen will feel bigger than it is. Intelligent LEDs around the edges of the TV cast on-screen colours onto the walls and into the room, in real time. You get perfectly tuned ambient lighting. And one more reason to love your TV.

## 4K UHD



Bright 4K LED TV. Vibrant HDR picture. Smooth motion. A Philips 4K UHD TV brings content to life with rich colours and crisp contrast. Images have more depth and motion is smooth. Movies, shows, games and more look great no matter the source.

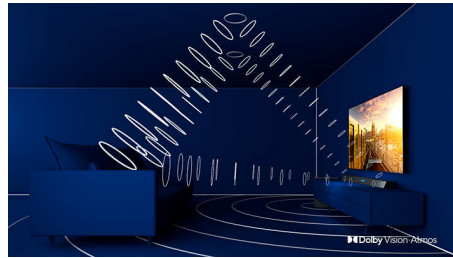
## P5 Perfect Picture Engine



The Philips P5 Perfect Picture Engine delivers an image as brilliant as the content you love.

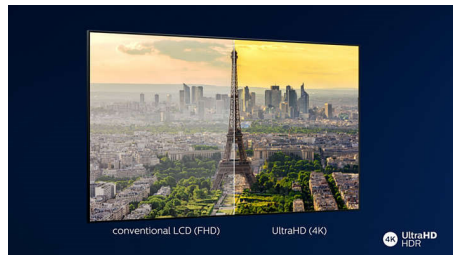
Details have noticeably more depth. Colours are vivid, while skin tones look natural. Contrast is so crisp you'll feel every detail. And motion is so smooth that you'll never lose sight of the ball, no matter how fast the play.

## Dolby Vision and Dolby Atmos



Support for Dolby's premium sound and video formats means the HDR content you watch will look—and sound—gloriously real. Whether it's the latest streaming series or a Blu-Ray disc set, you'll enjoy contrast, brightness and colour that reflect the director's original intentions. And hear spacious sound with clarity, detail and depth.

## HDR10+ supported



Your Philips TV is primed to get the most out of the HDR10+ video format. Contrast, colour and brightness levels are adjusted from frame to frame. Whether it's a must-watch series or the new blockbuster, shadows will be deeper. Bright surfaces will shine. Colours will be truer.

## Android TV.



Make your Philips Android TV your own. If it's all about Amazon and YouTube this week and Rakuten TV and Netflix next week - no problem. A clear, intuitive interface lets you put the content you love front and centre. Easily pick up where you left off in the latest series, or check out the new movie releases.

## AI voice control.

Control your Philips Android TV with your voice. Want to play a game, watch Netflix or find content and apps in the Google Play store? Just tell your TV. You can even command all Google Assistant-compatible smart home devices, like dimming the lights and setting the thermostat on movie night. Without leaving the sofa. The days of searching for the TV remote are over. Now you can use your voice to control your Philips smart TV via Alexa-enabled devices, like Amazon Echo. Turn your TV on, change the channel, switch to your gaming console and more with Alexa.

## Clean design

Clean silver bezel. Slim, simple baseplate.

## Punchy effects

Crisp, clear dialogue. Punchy effects.

## Well-balanced audio

Well-balanced audio from full-range speakers.



# Specifications

## Ambilight

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

## Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (metric): 126 cm
- Display: 4K Ultra HD LED
- Panel resolution: 3840 x 2160

- Picture engine: P5 Perfect Picture Engine
- Picture enhancement: Wide Colour Gamut 90% DCI/P3, Micro Dimming Pro, Ultra Resolution, Dolby Vision, HDR10+
- Diagonal screen size (inch): 50 inch

## Supported Display Resolution

- Computer inputs on all HDMI: up to 4K UHD 3840 x 2160 @60 Hz, HDR supported, HDR10/HLG
- Video inputs on all HDMI: up to 4K UHD 3840 x

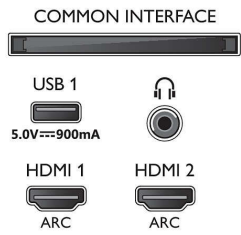
2160 @60 Hz, HDR supported, HDR10/HLG (Hybrid Log Gamma), HDR10+/Dolby Vision

## Tuner/Reception/Transmission

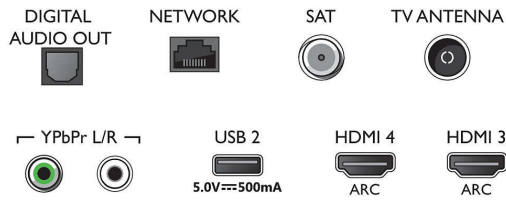
- Digital TV: DVB-T/T2/T2-HD/C/S/S2
- Video Playback: NTSC, PAL, SECAM
- MPEG Support: MPEG2, MPEG4
- TV Programme guide\*: 8-day Electronic Programme Guide
- Signal strength indication

## Connections

### Side



### Bottom



# Specifications

- Teletext: 1000 page Hypertext
- HEVC support

## Android TV

- OS: Android TV™ 9 (Pie)
- Pre-installed apps: Google Play Movies\*, Google Play Music\*, Google Search, YouTube
- Memory size (Flash): 16 GB\*

## Smart TV Features

- User Interaction: SimplyShare
- Interactive TV: HbbTV
- Programme: Pause TV, USB recording\*
- Ease of Installation: Auto detect Philips devices, Device connection wizard, Network installation wizard, Settings assistant wizard
- Ease of Use: One-stop smart menu button, On-screen user manual
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Screen Format Adjustments: Basic - Fill Screen, Fit to screen, Advance - Shift, Zoom, stretch, Wide screen
- Philips TV Remote app\*: Apps, Channels, Control, NowOnTV, TV Guide, Video On Demand
- Remote Control: with Keyboard, with Voice

## Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, HEVC (H.265), VP9
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Subtitles Formats Support: .SRT, .SUB, .TXT, .SMI
- Picture Playback Formats: JPEG, BMP, GIF, PNG, 360 photo, HEIF

## Processing

- Processing Power: Quad Core

## Sound

- Output power (RMS): 20 W
- Speaker configuration: 2 x 10 W full-range speaker
- Sound Enhancement: 5 Band Equalizer, A.I. Sound, Clear Dialogue, Dolby Bass Enhancement, Dolby Volume Leveller, Night mode, Dolby Atmos®

## Connectivity

- Number of HDMI connections: 4
- HDMI features: 4K, Audio Return Channel
- Number of components in (YPbPr): 1

- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- Number of USBs: 2
- Wireless connection: Bluetooth 4.2, Wi-Fi 802.11ac, 2 x 2, Dual band
- Other connections: Common Interface Plus (CI+), Digital audio out (optical), Satellite Connector, Ethernet-LAN RJ-45, Audio L/R in, Headphone out
- HDCP 2.2: Yes on all HDMI

## Power

- Mains power: AC 220 - 240 V 50/60 Hz
- Ambient temperature: 5°C to 35°C
- Standby power consumption: <math>< 0.3 \text{ W}</math>
- Energy Label Class: A
- EU Energy Label power: 81 W
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio), Eco mode
- Off mode power consumption: N/A
- Annual energy consumption: 119 kWh
- Presence of lead: Yes\*
- Mercury content: 0 mg

## Accessories

- Included batteries: 2 x AAA Batteries
- Included Accessories: Legal and safety brochure, Mini-jack to L/R cable, Mini-jack to YPbPr cable, Power cord, Quick start guide (x 1), Remote Control, Tabletop stand

## Colour & Finish

- TV Front: Light Silver

## Dimensions

- Set Width: 1119.8 mm
- Set Height: 651.8 mm
- Set Depth: 77.7 mm
- Product weight: 14.5 kg
- Set width (with stand): 1119.8 mm
- Set height (with stand): 696.8 mm
- Set depth (with stand): 207.0 mm
- Product weight (+stand): 16.1 kg
- Box width: 1240.0 mm
- Box height: 850.0 mm
- Box depth: 174.0 mm
- Weight incl. Packaging: 20.0 kg
- Stand width: 520.0 mm
- Stand height: 45.0 mm
- Stand depth: 251.5 mm
- Wall-mount compatible: 300 x 200 mm



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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.
- \* Energy consumption in kWh per year based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.
- \* 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 availability varies per TV model and country. For more details please visit: [www.philips.com/smarttv](http://www.philips.com/smarttv).
- \* USB recording for digital channels only, recordings may be limited by broadcast copy protection (CI+). Country and channel restrictions may apply.
- \* Please note that your Amazon Apps may not always be available in your country. (Currently Amazon apps works only in the UK, Germany and Austria)
- \* 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.
- \* Its functionality is subject to ChromeCast built-in apps and smart devices. For more details, please visit ChromeCast built-in product pages.