

Philips OLED 8 series
4K UHD OLED Android TV with Ambilight 3 sided

139 cm (55") Ambilight TV

5000 Picture Performance Index
HDR 10+/ WCG 99%
P5 Perfect Picture Engine



55OLED854

4K UHD OLED Android TV

with Ambilight 3 sided

Always enjoy a thrillingly lifelike picture. From the drama of an HDR miniseries to sports, this Philips OLED TV delivers real depth, true colour and smooth motion. Plus the swivel stand lets you turn the screen to exactly the right angle.

Mesmerising from any angle.

- Ambilight. Take the emotion beyond the screen.
- Elegant design. Slender metal bezel and swivel stand.
- 4K UHD OLED TV. This is what lifelike feels like.

Smooth motion. Real colour. Incredible depth.

- A brand-new level of realism in picture quality.
- Perfect Natural Reality. More depth, more detail.
- Dolby Vision and Dolby Atmos. Cinematic vision and sound.
- HDR10+ supported. See more of what the director intended.

Rich sound. Hear every whisper.

- Detailed audio from an integrated woofer and tweeters
- Crisp dialogue. Subtle details. Thunderous effects.

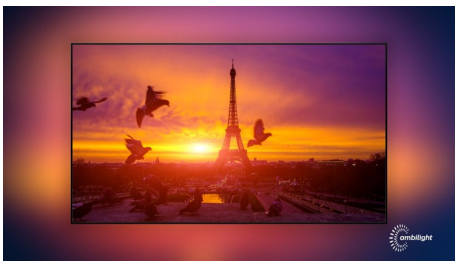
Android TV-content at your command

- Google Play store and Philips app gallery. More to love.
- AI voice control. Google Assistant built in. Works with Alexa.

PHILIPS

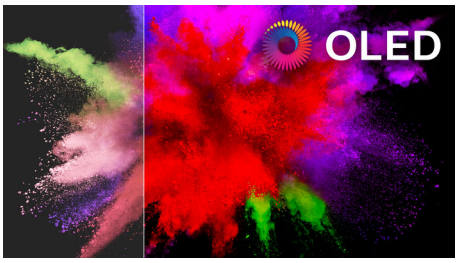
Highlights

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.

OLED TV

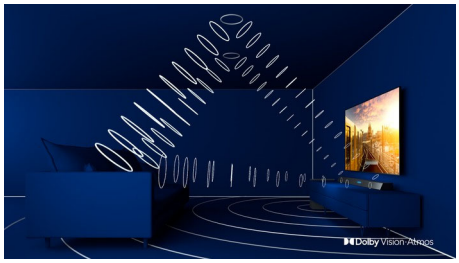


With a Philips OLED TV, every scene feels impressively real. Individual pixels can be dimmed or turned off, giving deeper blacks, vibrant colours and astonishing contrast. Even details in shadows and highlights are precisely reproduced. You also get a wider viewing angle and, thanks to the Philips processing engine, beautifully smooth motion.

P5 Pro Perfect Picture Engine

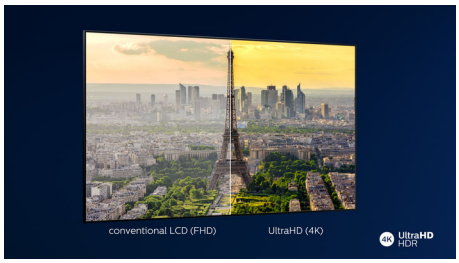
Philips P5 Pro Perfect Picture Engine, with the brand-new generation Picture Quality Processor brings you to another level of visual experience. See our OLED TVs with the truest of blacks, vibrant colours, most-realistic natural skin tones and incredibly smooth motion. Now you can see every detail with greater depth impression, and clean yet sharper picture performance. Our Philips OLED TV brings you a new era of picture quality realism.

Dolby Vision and Dolby Atmos



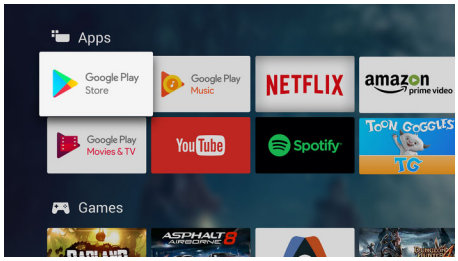
Support for Dolby's premium sound and video formats means the HDR content you watch will look—and sound—gloriously real. Whether it's the latest streaming series or a Blu-Ray disc set, you'll enjoy contrast, brightness and colour that reflect the director's original intentions. And hear spacious sound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

TV Content



Go beyond traditional TV programming with Google Play Store and Philips App Gallery. Experience endless movies, TV, music, apps and games online. More to love.

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.

ambilight OLED P5 Perfect Picture Engine ULTRA HD PREMIUM 99% WIDE COLOR GAMUT Dolby Vision Atmos androidtv Ok Google

4K UHD OLED Android TV

139 cm (55") Ambilight TV 5000 Picture Performance Index, HDR 10+/ WCG 99%, P5 Perfect Picture Engine

55OLED854/12

Specifications

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

Picture/Display
- Display: 4K Ultra HD OLED
- Diagonal screen size (metric): 139 cm
- Panel resolution: 3840 x 2160
- Aspect ratio: 16:9
- Picture engine: P5 Pro Perfect Picture Engine
- Picture enhancement: Ultra Resolution, Micro Dimming Perfect, Wide Colour Gamut 99% DCI/P3, 5000 PPI, Dolby Vision, HDR10+, Perfect Natural Motion

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

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
- Interactive TV: HbbTV
- Programme: Pause TV, USB recording*
- Ease of Installation: Auto detect Philips devices, Network installation wizard, Settings assistant wizard, Device connection 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, TV Guide, Video On Demand
- Remote Control: with Keyboard, with Voice
- User Interaction: SimplyShare

Processing
- Processing Power: Quad Core

Tuner/Reception/Transmission
- HEVC support
- Digital TV: DVB-T/T2/T2-HD/C/S/S2
- MPEG Support: MPEG2, MPEG4
- Video Playback: NTSC, PAL, SECAM
- TV Programme guide*: 8-day Electronic Programme Guide
- Signal strength indication
- Teletext: 1000 page Hypertext
- Twin Tuner

Connectivity
- Number of HDMI connections: 4
- Number of USBs: 2
- Number of components in (YPbPr): 1
- Wireless connection: Bluetooth 4.2, Wi-Fi 802.11ac, 2 x 2, Dual band
- Other connections: Common Interface Plus (CI+), Digital audio out (optical), Ethernet-LAN RJ-45, Audio L/R in, Headphone out, Satellite Connector
- HDMI features: 4K, Audio Return Channel
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- HDCP 2.2: Yes on all HDMI

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

Power
- Mains power: AC 220 - 240 V 50/60 Hz
- Standby power consumption: <0.3 W
- Off mode power consumption: N/A
- Ambient temperature: 5°C to 35°C
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio), Eco mode
- Energy Label Class: B
- EU Energy Label power: 147 W
- Annual energy consumption: 215 kW h
- Mercury content: 0 mg
- Presence of lead: Yes*

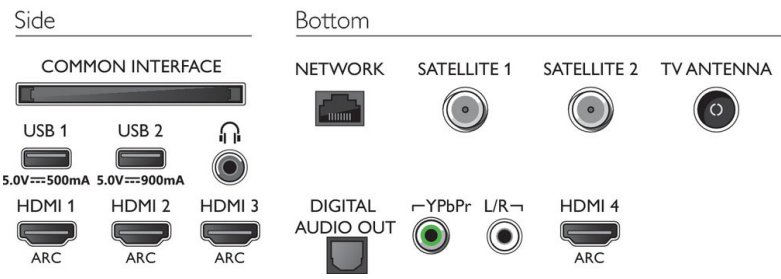
Sound
- Audio: Output power: 50 Watt (RMS), 2.1 Channel
- Codec: AC-4, Dolby Atmos®, Dolby Digital MS12 V2.3, DTS-HD(M6)
- Speaker configuration: 10 W x 2 mid-high speaker, 30 W sub-woofer
- Sound Enhancement: 5 Band Equalizer, A.I. Sound, Clear Dialogue, Dolby Atmos®, Dolby Bass Enhancement, Dolby Volume Leveller, Night mode, Auto Volume Leveller, Bass Enhancement

Dimensions
- Box dimensions (W x H x D): 1400.0 x 867.0 x 174.0 mm
- Set dimensions (W x H x D): 1227.8 x 705.6 x 52.3 mm
- Set dimensions with stand (W x H x D): 1227.8 x 732.9 x 243.0 mm
- Product weight: 21.2 kg
- Product weight (+stand): 23.7 kg
- Weight incl. Packaging: 28.0 kg
- Stand dimensions (W x H x D): 800.0 x 27.3 x 243.0 mm
- Wall-mount compatible: 300 x 300 mm

Accessories
- 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
- Included batteries: 2 x AAA Batteries



Connections



* 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.
* Smart TV app availability varies per TV model and country. For more details please visit: 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.
* 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.
* Google Assistant built in will come as a software update for 2018 Android TVs.

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