

PHILIPS

4K UHD OLED
Android TV

OLED 8 series

139 cm (55") Ambilight TV

5000 Picture Performance
Index

HDR 10+/ WCG 99%

P5 Pro Perfect Picturer Engine



55OLED804



4K UHD OLED Android TV with Ambilight 3-sided

Rich, natural colors. Exquisite detail in bright and dark scenes. From an HDR miniseries to sports, this Philips 4K OLED TV brings lifelike depth and smooth motion to all the content you love. Ambilight completes the picture beautifully.

Any source. Always mesmerizing.

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

Smooth motion. True color. 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+. See more of what the director intended

Spacious 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.

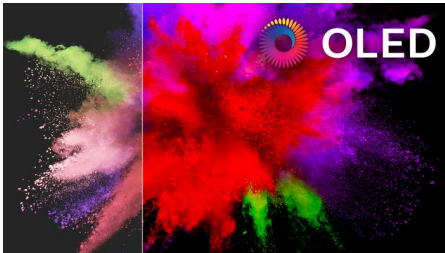
Highlights

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 colors, most realistic natural skin tones and incredibly smooth motion. Now you can see every details with greater depth impression, clean and yet sharper picture performance. Our Philips OLED TV brings you a new era of picture quality realism.

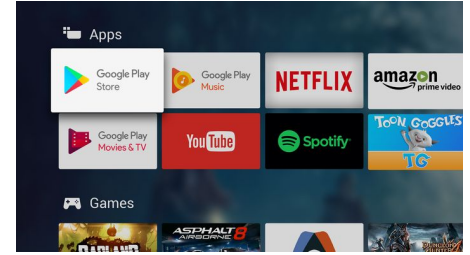
Dolby Vision and Dolby Atmos

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 color that reflect the director's original intentions. And hear spacious sound with clarity, detail, and depth.

HDR10+

HDR10+. See more of what the director intended

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.



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: 55 inch / 139 cm

Diagonal screen size (inch): 55 inch

Panel resolution: 3840x2160

Aspect ratio: 16:9

Pixel engine: P5 Pro Picture Engine

Picture enhancement: Ultra Resolution, Micro Dimming Perfect, Wide Color Gamut 99% DCI/P3, 5000 PPI, Dolby Vision, HDR10+, Perfect Natural Motion

Supported Display Resolution

Computer inputs on all HDMI: up to 4K UHD 3840x2160 @60Hz, HDR supported, HDR10+/HLG

Video inputs on all HDMI: up to 4K UHD 3840x2160 @60Hz, HDR supported, HDR10+/HLG

Android

OS: Android™ 9.0 (P)

Pre-installed apps: Google Play Movies*, Google Play Music*, Google search, YouTube

Memory size: 16GB

Smart TV Features

Interactive TV: HbbTV

Program: 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, Onscreen Usermanual

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

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 Program guide*: 8 day Electronic Program Guide

Signal strength indication

Teletext: 1000 page Hypertext

Connectivity

Number of HDMI connections: 4

Number of USBs: 2

Number of component in (YPbPr): 1

Wireless connections: Bluetooth 4.2, Wi-Fi 802.11ac, 2x2, Dual band

Other connections: Common Interface Plus (CI+), Digital audio out (optical), Ethernet-LAN RJ-45, Audio L/R in, Headphone out

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 50/60Hz

Standby power consumption: <0.3W

Off mode power consumption: N/A W

Ambient temperature: 5 °C to 35 °C

Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio)

Energy Label Class: B

Eu Energy Label power: 147 W

Annual energy consumption: 215 kWh

Mercury content: 0 mg

Presence of lead: Yes*

* 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 offerings vary 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.

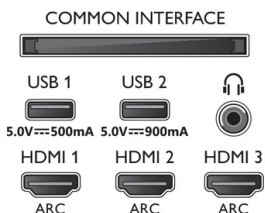
* This television contains lead only in certain parts or components where no technology alternatives exist in accordance with existing exemption clauses under the RoHS Directive.

* 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.

Connections

Side



Bottom

