Philips OLED 9 series
Razor Slim 4K UHD OLED Android TV with Ambilight 3-sided and Perfect Pixel Ultra HD

139 cm (55") Ambilight TV

3100 Picture Performance Index
HDR perfect WCG 99%
Perfect Pixel Ultra HD

55POS901F

Razor Slim 4K UHD OLED Android TV

with Ambilight 3-sided

Introducing the Philips 901F OLED TV. Now you can enjoy deeper blacks, impressive colors in 4K Ultra HD resolution, breath-taking motion and a wider viewing angle so that you can experience movies just as the film director intended.

Visible Lightness
- Ambilight changes the way you look at TV forever
- Meticulously crafted proportions using true metallic design

Just as the director intended
- OLED TV: Only perfect black creates perfect colors
- 4K Ultra HD is unlike any resolution you've ever seen before
- The ultimate in contrast, color & sharpness with HDR Perfect
- Perfect Pixel Ultra HD for the ultimate Picture Quality

Exhilarating. Limitless. Powered by Android
- Google Play store and Philips app gallery: look beyond TV
- Unleash the power of Quad Core and integrated Android

See how beautiful sound can be
- Visible sound articulation lets you see the beauty of sound
- Powerful sound processing for uncompromised 30W sound power

ambi light 3 android tv ULTRA HD PHILIPS

Razor Slim 4K UHD OLED Android TV

139 cm (55") Ambilight TV 3100 Picture Performance Index, HDR perfect WCG 99%, Perfect Pixel Ultra HD

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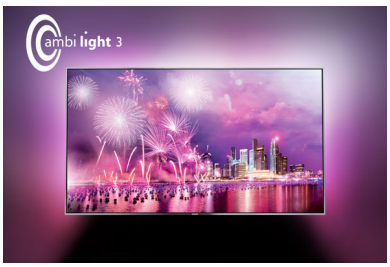
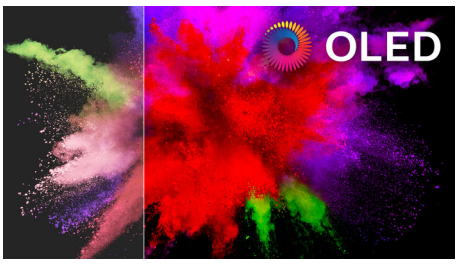
Highlights

Ambilight 3-sided



You've created a home that's more than just a house, so why not choose a TV that is warm and inviting too? Philips unique Ambilight technology makes your screen much wider—and your viewing experience more immersive—by emitting an extra wide glow from three-sides of your TV screen onto the surrounding wall. Color, vibrancy and excitement move beyond the screen and into your living room to bring you a viewing experience beyond the ordinary.

OLED TV



Philips OLED is the next generation of TV technology. Unlike conventional LED TVs, OLED doesn't need a backlight. Each pixel makes its own color and light. When they are turn off, they are completely black. With such deeper blacks, you get enhanced colors and astonishing contrast that allow you to enjoy the purest, most lifelike image produced from a Philips TV yet.

4K Ultra HD

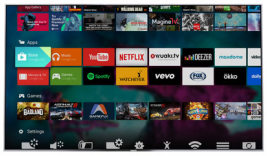
Ultra HD TV has four times the resolution of a conventional Full HD TV. With over 8 million pixels and our unique Ultra Resolution Upscaling technology, you'll experience the best possible picture quality. The higher the quality of your original content, the better images and resolution you will be able to experience. Enjoy improved sharpness, increased depth perception, superior contrast, smooth natural motion, and flawless details.

Perfect Pixel Ultra HD

PerfectPixel ULTRA HD ENGINE

Building on our award winning UHD Picture Quality heritage, we've taken High Definition Picture Quality to a whole new level. With the advanced picture processing software in our Perfect Pixel Ultra HD engine, your picture is converted into crisp 4K Ultra HD resolution. So you'll enjoy the deepest blacks, brightest whites, and the most vivid colors with natural skin tones. And all this comes to life with our most fluid, razor sharp image quality – every time, and from any source.

TV Content



The Google Play store and Philips app gallery go beyond traditional TV programming to bring you a big online collection of movies, TV, music, apps and games. 16GB of expandable memory means there's plenty of room to store all your favorite content and to install more apps.

Visible sound articulation

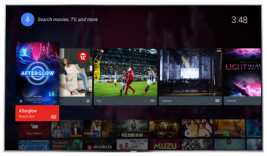
Engineered sound in a slim design. Enjoy incredible highs and lifelike mids from a plethora of micro-drivers in a sleek speaker bar. When you can hear every whisper, step, and creak in the floor, it doesn't take much to imagine how powerfully clear every crash, bang and explosion sounds. And when it comes to bass, nothing has been compromised with strategically placed rear speakers for deep, rich tones. It's a TV that sounds as good as it looks.

Powerful sound 30W

Powerful sound processing for uncompromised 30W sound power

Quad Core + Android

QuadCore



Philips Quad Core processor meets the power of Android to deliver an exciting gaming experience. And with Android on your TV you'll navigate, launch apps and play videos in a way that is super fast, super intuitive, and super fun.

ambi light 3 · PerfectPixel ULTRA HD ENGINE · OLED · ULTRA HD PREMIUM · HDR PERFECT · Perfect COLOR · 3800 PICTURE PERFORMANCE INDEX · Google play

Razor Slim 4K UHD OLED Android TV

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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 LED
- Diagonal screen size: 55 inch / 139 cm
- Panel resolution: 3840x2160
- Aspect ratio: 16:9
- Picture engine: Perfect Pixel Ultra HD
- Picture enhancement: Ultra Resolution, Perfect Natural Motion, Micro Dimming Premium
- Peak Luminance ratio: 65 %

Android TV
- OS: Android™ 6.0 (Marshmallow)
- Pre-installed apps: Google Play Movies*, Google Play Music*, Google Search, YouTube
- Memory size(Flash): 16GB*, extendable via USB storage

Smart TV Features
- User Interaction: MultiRoom client and server, SimplyShare
- Interactive TV: HbbTV
- Program: Pause TV, USB recording*
- SmartTV apps*: Online video stores, Open internet browser, Social TV, TV on demand, Youtube
- Ease of Installation: Auto detect Philips devices, Device connection wizard, Network installation wizard, Settings assistant 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
- Philips TV Remote app*: Apps, Channels, Control, NowOnTV, TV Guide, Video On Demand
- Remote Control: with Keyboard

Processing
- Processing Power: Quad Core

Sound
- Output power (RMS): 30W
- Sound Features: Triple ring technology
- Sound Enhancement: DTS Premium Sound, Clear Sound, Smart Sound

Connectivity
- Number of HDMI connections: 4
- Number of USBs: 3
- Wireless connection: Dual Band, Wi-Fi 802.11ac 2x2 integrated
- Other connections: Antenna IEC75, Common Interface Plus (CI+), Digital audio out (optical), Headphone out, 2x Common Interface Plus (CI+), 2x Satellite input, Ethernet-LAN RJ-45, 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

Supported Display Resolution
- Computer inputs on all HDMI: up to 4K UHD 3840x2160 @60Hz
- Video inputs on all HDMI: up to 4K UHD 3840x2160@60Hz

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

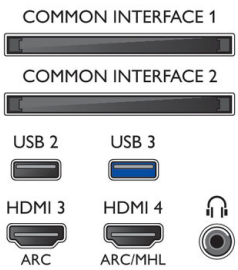
Power
- Presence of lead: Yes*
- Off mode power consumption: 0.3
- Mains power: AC 220 - 240 V 50/60Hz
- Ambient temperature: 5 °C to 35 °C
- Eu Energy Label power: 156 W
- Annual energy consumption: 228 kW·h
- Standby power consumption: <0.3
- Power Saving Features: Auto switch-off timer, Light sensor, Picture mute (for radio)
- Energy Label Class: B
- Mercury content: 0 mg

Dimensions
- Box dimensions (W x H x D): 1523 x 1052 x 314 mm
- Set dimensions (W x H x D): 1228.6 x 751.9 x 49.4 mm
- Set dimensions with stand (W x H x D): 1228.6 x 818.43 x 233.44 mm
- Wall mount compatible: 400 x 400 mm
- Product weight: 17.42 kg
- Product weight (+stand): 21.18 kg
- Weight incl. Packaging: 34 kg
- TV stand width distance: 1226.5 mm

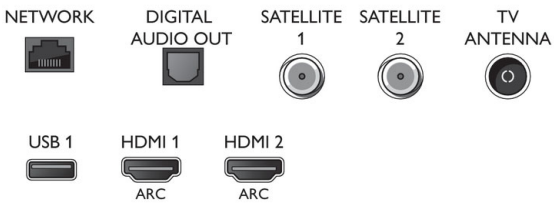
Accessories
- Included accessories: Remote Control, 2 x AA Batteries, Table top stand, Power cord, Quick start guide, Legal and safety brochure

Connections

Side



Rear



* 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.
* Cloud Gaming offering depends on game providers.
* 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 subscripction are required. Contact your operator for more information.
* (Philips) only compatible with specific Philips player device.
* Google Cast functionality is subject to Google Cast Ready apps and devices. For more details please visit Google Cast product page.
* 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.

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