**Philips OLED
4K Ambilight TV**

194 cm (77") Ambilight TV

P5 AI perfect picture engine
Google TV™
Dolby Vision and Dolby Atmos

77OLED809

Lifelike. Immersive. Gorgeous.

4K Ambilight TV

This elegant OLED Ambilight TV entrances with its lifelike picture and powerful sound. The beautifully thin, bezel-free screen lets the action take centre stage, while Ambilight's glow makes everything seem even bigger and more immersive.

4K OLED Ambilight TV. Designed to mesmerise.
- Immerse yourself in what you love. Ambilight TV.
- Whatever you watch, a picture so real. P5 engine with AI.
- Entertainment you love, with a little help from Google
- Detail and depth. Lifelike OLED picture.

Stunning detail. Thoughtful design.
- Epic gaming. 144 Hz*, ultra-low lag, G-sync, VRR, FreeSync.
- Cinematic vision and sound. Dolby Vision and Dolby Atmos.
- Bring IMAX home. IMAX Enhanced certified.
- Thoughtful design. Responsible packaging.

Seamless in every way.
- Supports all major HDR formats.
- Easily connect to smart home networks and voice assistants.
- Compatible with Matter and Control4
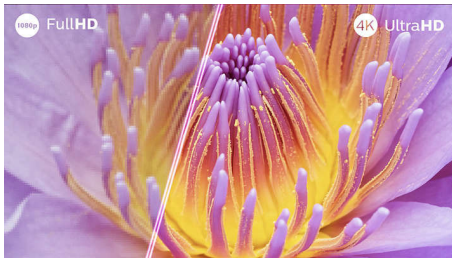- Philips Wireless Home System powered by DTS Play-Fi
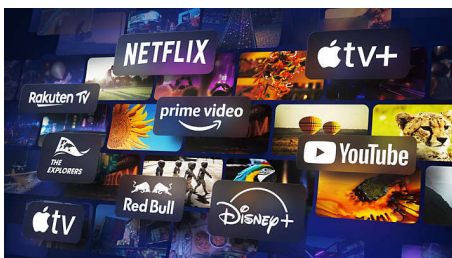
PHILIPS

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. It changes everything: your TV seems bigger, and you'll be drawn deeper into your favourite sports, films, music and games.

P5 AI perfect picture engine

Philips P5 processor with AI delivers a picture so real it feels like you could step right into it. A deep-learning AI algorithm processes images in a manner similar to the human brain. No matter what you're watching, you get lifelike detail and contrast, rich colour and smooth motion.
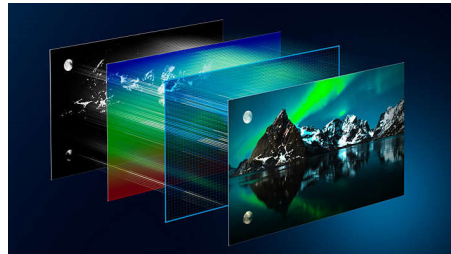
Google TV™

What do you want to watch? Google TV brings together films, shows and more from across your apps and subscriptions, and organises them just for you. You'll get suggestions based on what you like, and you can even use the

Google TV app on your phone to curate your watchlist on the go.

OLED Ambilight TV

The lifelike picture of your 4K (UHD) OLED Ambilight TV always looks incredible, even if viewed at an angle. Blacks are always black, not grey, and you'll see every detail in shadows or bright areas. All major HDR formats are supported — you'll feel the full power of every scene.

Epic gaming

Play without limits and immerse yourself in OLED's incredible realism! HDMI 2.1, a blazing-fast 120 Hz native refresh rate and ultra-low input lag bring fluid, responsive gameplay, super-smooth natural motion and great-looking graphics. Ambilight's gaming mode brings even bigger thrills and, if you're gaming on a PC, you can enjoy 144 Hz VRR via HDMI.

Dolby Vision and Dolby Atmos

With Dolby Vision and Dolby Atmos on board, your films, shows and games look and sound incredible. See the picture the director wanted you to see. No more disappointing scenes that are too dark to make out! Hear every word clearly. Experience sound effects like they're really happening around you.

IMAX Enhanced

Welcome to Hollywood! Your Philips OLED TV lets you experience the full impact of films originally made to play in IMAX cinemas. Be immersed in a far greater sense of scale. See more in every scene. Combined with Ambilight, you're in for a film night to remember.

Sustainable materials

This TV has sleek, dark metal feet, and you can use Ambilight as instant mood lighting when the screen is off. The TV remote recharges wirelessly and is made from recycled plastic. Our packaging uses FSC-certified recycled cardboard and the inserts are printed on recycled paper.

4K Ambilight TV
194 cm (77") Ambilight TV P5 AI perfect picture engine, Google TV™, Dolby Vision and Dolby Atmos

Specifications

Ambilight
- Ambilight Features: Wall colour adaptive, Lounge light mode, Game Mode, Ambilight Music, Sunrise Alarm, AmbiSleep, Ambilight FTI Animation, Works with Philips Wireless Home Speakers
- Ambilight Version: 3 sided

Picture/Display
- Diagonal screen size (inch): 77 inch
- Diagonal screen size (metric): 194 cm

- Panel resolution: 3840 x 2160
- Native refresh rate: 120 Hz
- Picture engine: P5 AI Perfect Picture Engine
- Picture enhancement: Perfect Natural Motion, Micro Dimming Perfect, Dolby Vision, HLG (Hybrid Log Gamma), CalMAN Ready, IMAX enhanced mode, HDR10+ Adaptive, Film-maker mode
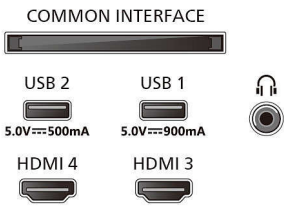- Multi-view

Display input resolution
- Resolution-Refresh rate: 576 p - 50 Hz, 640 x 480 - 60 Hz, 720 p - 50 Hz, 60 Hz, 1920 x 1080p -24/25/30/50/ 60/100/120/144Hz, 2560 x 1440 - 60/120/144Hz, 3840 x 2160p - 24/25/30/50/60/100/120/144 Hz
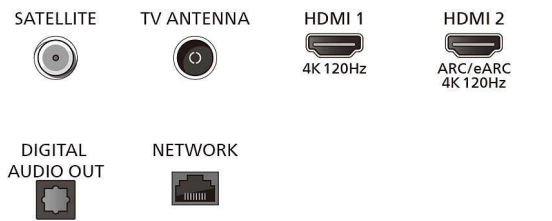
Tuner/Reception/Transmission
- Digital TV: DVB-T/T2/T2-HD/C/S/S2
- TV Programme guide*: 8-day Electronic

Connections

Side

COMMON INTERFACE

USB 2
5.0V⎓500mA

USB 1
5.0V⎓900mA

🎧

HDMI 4

HDMI 3

Bottom

SATELLITE

TV ANTENNA

HDMI 1
4K 120Hz

HDMI 2
ARC/eARC
4K 120Hz

DIGITAL
AUDIO OUT

NETWORK

Specifications

Programme Guide
• Teletext: 1000 page Hypertext

Smart TV Features
• Interactive TV: HbbTV
• Voice assistant*: Google Assistant built in, Works with Alexa, RC with Mic.
• Smart Home experience: Works with Amazon Alexa, Works with Google assistant, Compatible with Matter, Connects with 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

Processing
• Processing Power: Quad Core

Sound
• Audio: 2.1 Channel
• Output power (RMS): Output power: 70 Watts (RMS)
• Speaker configuration: 10 W x 4 mid-high speaker, 30 W subwoofer
• Codec: Dolby Digital MS12 V2.6.2, DTS:X
• Sound Enhancement: Dolby Atmos®, Clear Dialogue, A.I. Sound, A.I. EQ, Dolby Volume Leveller, Night mode, Dolby Bass Enhancement, Room Calibration, DTS Play-Fi

Connectivity
• Number of HDMI connections: 4
• 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 802.11ax, 2x2, Dual band, Bluetooth 5.2, Wi-Fi 6
• Other connections: Common Interface Plus (CI+), Ethernet-LAN RJ-45, Digital audio out (optical), Headphone out, Service connector, Satellite Connector
• HDCP 2.3: Yes on all HDMI
• HDMI ARC: Yes on HDMI2
• HDMI 2.1 features: eARC on HDMI 2, eARC/VRR/ALLM supported, Max 48 Gbps data rate
• EasyLink 2.0: External setting via TV UI, HDMI-CEC for Philips TV/SB

Supported HDMI video features
• HDMI 1/2: HDMI 2.1 full bandwidth 48 Gbps, up to 4K 120 Hz
• Gaming: ALLM, Dolby Vision Game, HDMI VRR, HGiG, AMD FreeSync Premium, Nvidia G-Sync compatible
• HDMI 3/4: HDMI 2.0
• HDR: Dolby Vision, HDR10, HDR10+, HDR10+ Adaptive, HLG, UHDA

EU Energy card
• EPREL registration numbers: 1887660
• Energy class for SDR: F
• On mode power demand for SDR: 134 kWh/1000h
• Energy class for HDR: F
• On mode power demand for HDR: 133 kWh/1000h
• Off mode power consumption: n.a
• Networked standby mode: 2.0 W
• Panel technology used: OLED

Power
• Mains power: AC 220 - 240 V 50/60 Hz
• Standby power consumption: less than 0.3 W
• Power Saving Features: Auto switch-off timer, Picture mute (for radio), Eco mode, Light sensor

Accessories
• Included accessories: Remote Control, Tabletop stand, Power cord, Quick start guide, Legal and safety brochure, 1x USB-C cable for remote control charging

Design
• Colours of TV: Metal bezel frame
• Stand design: Satin chrome stand

Dimensions
• Stand height to TV bottom edge: 20/ 70 mm
• Wall-mount compatible: 400 x 300 mm
• TV stand width distance: 805 mm
• TV without stand (H x W x D): 991 x 1723 x 80 mm
• TV with stand (H x W x D): 1057 x 1723 x 310 mm
• Package carton (H x W x D): 1170 x 1950 x 200 mm
• Weight of TV without stand: 35.0 kg
• Weight of TV with stand: 36 kg
• Weight incl. packaging: 47.2 kg

Google TV
• Memory size (Flash): 16 GB*
• Pre-installed apps: Disney+, Apple TV, Netflix, YouTube, Amazon Prime video, Aurora, NFT, STB controller