

# PHILIPS



## 4K Ambilight TV

### OLED+

194 cm (77") Ambilight TV

4K OLED. 120 Hz

Bowers & Wilkins sound

P5 AI Perfect Picture Engine



77OLED910

## Our ultimate sound and vision experience

Immerse in the best with the all-in-one OLED+ TV that performs like a master. Legendary Bowers & Wilkins sound, a bright lifelike picture and the immersive wow factor of four-sided Ambilight combine for a truly stunning performance.

### Your entertainment. Taken care of beautifully.

- Thoughtful design. Responsible packaging
- Connect to smart home networks, voice assistants and more

### 4K OLED+ Ambilight TV. Immerse in lifelike.

- Bright OLED META panel. Precision, brightness and detail
- Whatever you watch, a picture so real. P5 engine with AI
- All-around immersion. 4 sided Ambilight TV
- Legendary Bowers & Wilkins sound

### Our ultimate all-in-one experience

- Cinematic viewing for all you watch and play
- Immersive surround-sound technology
- Total Gaming Solution. Thrilling play for every gamer
- Entertainment you love, with a little help from Google

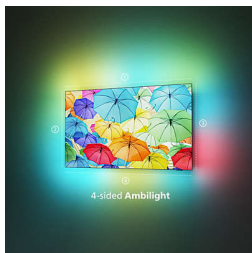
OLED+

4K Ambilight TV

77OLED910/12

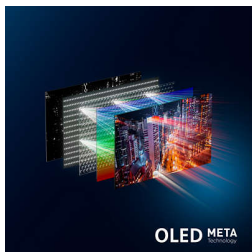
# Highlights

## Ambilight TV



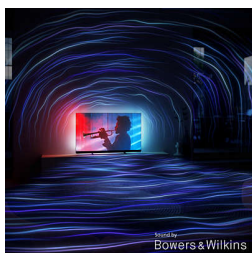
With four-sided Ambilight, sports, films, music and games will feel bigger than ever. Integrated LED lights at the back react to what you watch or listen to, immersing you in a halo of colourful light that emanates from the top, bottom and sides of the TV. For the full impact, hang your Ambilight TV on the wall.

## Bright OLED META panel



Thanks to its second generation META OLED panel, this OLED+ Ambilight TV does lifelike better and brighter than ever, with a picture that looks superb at any angle. With astonishing peak brightness levels, contrast and colour are beautifully well defined: even the smallest details leap from shadows and bright areas. All major HDR formats are supported.

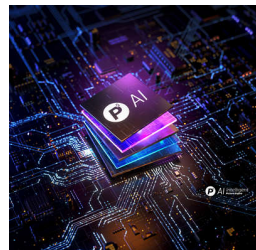
## Sound by Bowers & Wilkins



A slim, integrated sound system from Bowers & Wilkins creates an extra-wide soundstage for incredible immersion. Nine front-firing drivers

and a dedicated centre channel direct detailed sound with clear dialogue directly towards you. A rear-mounted subwoofer provides deep, accurate bass.

## P5 AI Perfect Picture Engine



Our P5 engine with AI gets the most out of this bright OLED+ TV, to bring you a picture so real it feels like you could step right into it! A deep-learning AI algorithm effortlessly optimises detail, contrast, colour and motion, as well as compensating for any changes to ambient lighting in your room. Whatever's on screen, the picture's perfect.

## Cinematic viewing



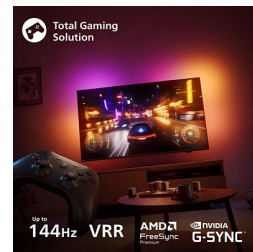
Hold onto the edge of your seat! With Dolby Vision on board, you'll see the picture the director wanted you to see, no more disappointing scenes that are too dark to make out. From movies to games, say hello to every glorious detail.

## Surround-sound technology



Compatibility with Dolby Atmos and DTS:X takes the Bowers & Wilkins sound of this OLED+ TV to another level, in any room. The latest movies, the newest games, the biggest sports events: with sound effects placed in the space above and around you, you'll feel like you're right in the middle of the action.

## Total Gaming Solution



HDMI 2.1, 120 Hz native refresh rate and an ultra-low input lag. Indie game or AAA title, this Ambilight TV gives you the specs you need to game how you want! For more control, Game Bar 2.0 lets you customise how you play, and you can connect a Bluetooth controller for cloud gaming. PC gamers can also enjoy 144 Hz VRR via HDMI.

AMBILIGHT tv

OLED+

Sound by  
Bowers & Wilkins

P5 AI Intelligent  
Picture Engine

Dolby Vision · Atmos

dts X

Total Gaming  
Solution

Google TV

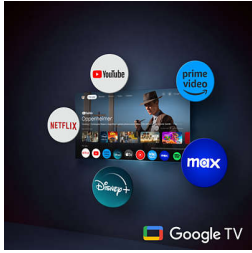
OLED+

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# Highlights

## Google TV™



What do you want to watch? Google TV brings together movies, 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.

## Seamless control



Seamless compatibility with Matter means you can easily integrate this 4K Ambilight TV into your existing smart home network. You can also

use the TV remote to control your satellite or cable box or wake the Google Assistant—and the TV is compatible with Alexa-enabled devices and Apple AirPlay too.

## Sustainable materials

The integrated Bowers & Wilkins sound system looks chic—and the four sided Ambilight creates mesmerising mood lighting when the screen's off. The slender metal TV remote recharges wirelessly and has motion-activated backlighting. Our packaging uses FSC-certified recycled cardboard and inserts are printed on recycled paper.

AMBILIGHT tv

OLED+

Sound by  
Bowers & Wilkins

AI Intelligent  
Picture Engine

Dolby Vision Atmos

# Specifications

## Ambilight

**Ambilight Features:** Wall colour adaptive, Music Mode, Ambilight Suite, Game Mode, AmbiSleep  
**Ambilight Version:** 4 sided

## Picture/Display

**Diagonal screen size (inch):** 77 inch  
**Diagonal screen size (metric):** 194 cm  
**Display:** 4K Ultra HD OLED  
**Panel resolution:** 3840 x 2160p  
**Native refresh rate:** 144 Hz  
**Picture engine:** P5 AI Perfect Picture Engine  
**Picture enhancement:** Calman Autocal Ready and Manual Calibration, Calman, Crystal Clear, ECO, Film-maker mode, Game, Home Cinema, MEMC / FRC Embedded, Micro Dimming Perfect, Monitor, Personal, Perfect Natural Motion  
**Variable Refresh Rate:** 144 Hz

## Display input resolution

**Resolution-Refresh rate:** 576p - 50 Hz, 645 x 480 - 60 Hz, 720p - 50/60 Hz, 1920 x 1080p - 24/25/30/50/ 60/100/120/144 Hz, 2560 x 1440 - 60/120/144 Hz, 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  
**Signal strength indication**  
**Teletext:** 1000 page Hypertext  
**HEVC support**

## Smart TV

**SmartTV apps\*:** Disney+, Apple TV, Netflix, YouTube, Amazon Prime Video, NFT app\*  
**OS:** Google TV™  
**Memory size (Flash)\*:** 32 GB

## Smart TV Features

**Interactive TV:** HbbTV  
**Voice assistant\*:** RC with Mic., Hey Google, Works with Alexa  
**Smart Home experience:** MATTER, Control4, Works with Apple Home  
**Gaming Control Bar:** Gamebar 2.0

## 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

## Sound

**Audio:** 3.1 Channel  
**Output power (RMS):** 80 Watt (RMS)  
**Speaker configuration:** 8.5 W x 6 mid-high speaker, 30 W sub-woofer  
**Codec:** Dolby Atmos®, Dolby Digital, DTS:X  
**Sound Enhancement:** A.I. EQ, AI mode, Clear Dialogue, Dialogue, Dolby Media Intelligence, Entertainment, Music, Spatial Music, Personal, Original, AVL Mode, Night mode  
**Headphone Features:** Dolby Atmos for Headphone  
**Main Speaker:** 2-Way B&W Mid + Tweeter  
**Woofer:** B&W Balanced Quad PR



# Specifications

## Connectivity

Number of HDMI connections: 4

HDMI features: 4K, Audio Return Channel

EasyLink (HDMI-CEC): One touch play, Remote control pass-through, System standby, System audio control

Number of USBs: 2

Wireless connection: Wi-Fi 802.11ax, 2x2, Dual band, Bluetooth 5.2, Works with Apple AirPlay, Google Fast Pair

HDCP 2.3: Yes on all HDMI

HDMI ARC: Yes on HDMI2

HDMI 2.1 features: eARC/VRR/ALLM supported, eARC on HDMI 2, 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 144Hz

Gaming: AMD FreeSync Premium Pro, Nvidia G-Sync compatible, ALLM, Dolby Vision Game, HDMI VRR, HGiG

HDMI 3/4: HDMI 2.0

HDR: Dolby Vision, HDR10, HDR10+ Adaptive, HLG

## EU Energy card

EPREL registration numbers: 2293853

Energy class for SDR: F

On mode power demand for SDR:

134 kWh/1000h

Energy class for HDR: G

On mode power demand for HDR:

147 kWh/1000h

Off mode power consumption: n.a

Networked standby mode: 2.0 W

Panel technology used: OLED

## Power

Mains power: AC 100 – 240 V 50/60 Hz

Standby power consumption: less than 0.3 W

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

## Accessories

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

## Design

Colours of TV: Metal bezel frame

Stand design: Metal diamond shape grey stand

## Dimensions

Distance between 2 stands: 798 mm

Wall-mount compatible: 400 x 300 mm

TV without stand (W x H x D):

1712 x 1017 x 67 mm

TV with stand (W x H x D):

1712 x 1042 x 310 mm

Package carton (W x H x D):

1950 x 1200 x 200 mm

Weight of TV without stand: 34.17 kg

Weight of TV with stand: 34.62 kg

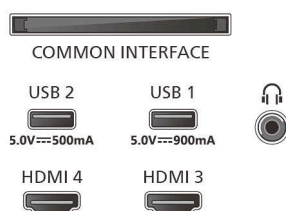
Weight incl. packaging: 43.6 kg



- \* 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.
- \* 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 by TV model, operator and country, as well as smart device model and OS. For more details, please visit: [www.philips.com/TVRemoteapp](https://www.philips.com/TVRemoteapp).
- \* EPG and actual visibility (up to 8 days) is country- and operator-dependent.
- \* Netflix subscription required. Subject to terms on <https://www.netflix.com>
- \* Amazon Prime is available in selected languages and countries.
- \* Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. Amazon Alexa is available in selected languages and countries.
- \* Over-the-top media services button on the remote control will be different in each country. Please refer to the actual product in the box.
- \* Google Assistant is available in different languages and countries specific to product types.
- \* Availability and functionality of voice-control services varies according to country and language.
- \* Google TV is the name of this device's software experience and a trademark of Google LLC.
- \* Google TV is the name of this device's software experience and a trademark of Google LLC. YouTube, OK Google and other marks are trademarks of Google LLC.
- \* Availability of Apple TV app and Apple TV+ may vary by country or region. Please check the Google Play and Apple Inc. support pages.
- \* 144 Hz HDMI VRR, G-sync and FreeSync are achievable when gaming on a PC, connected to your OLED TV via HDMI
- \* Matter/Control4: this feature will become available in 2025 via a software update.

## Connections

### Side



### Down

