PHILIPS

AMBILIGHT tv

PHILIPS

OLED+

4K Ambilight TV

OLED+

139 cm (55") Ambilight TV

4K OLED. 120 Hz

Bowers & Wilkins sound

P5 AI Perfect Picture Engine

AMBILIGHT tv

PHILIPS

OLED+

55OLED910

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
- Legendary Bowers & Wilkins sound
- All-around immersion. 4 sided Ambilight TV
- Whatever you watch, a picture so real. P5 engine with AI

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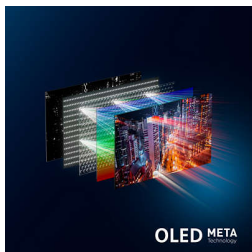- Immersive surround-sound technology
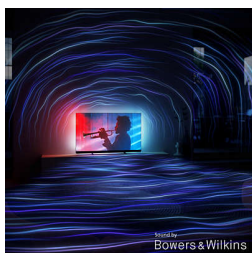
Highlights

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.
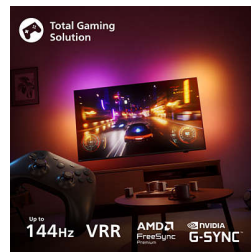
Cinematic viewing

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.
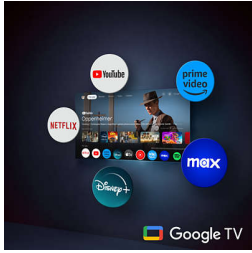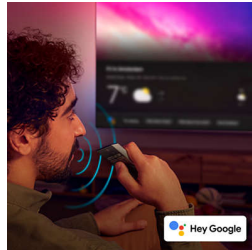
Highlights

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.

Specifications

Ambilight

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

Picture/Display

Diagonal screen size (inch): 55 inch
Diagonal screen size (metric): 139 cm
Display: 4K Ultra HD OLED
Panel resolution: 3840 x 2160p
Native refresh rate: 120 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: 2293800
Energy class for SDR: F
On mode power demand for SDR: 77 kWh/1000h
Energy class for HDR: G

On mode power demand for HDR: 102 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
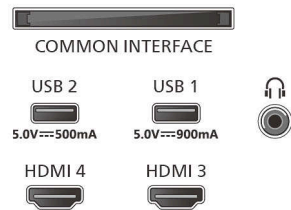**Stand design:** Metal diamond shape grey stand

Dimensions

Distance between 2 stands: 625 mm
Wall-mount compatible: 300 x 300 mm
TV without stand (W x H x D): 1225 x 740 x 56 mm
TV with stand (W x H x D): 1225 x 762 x 240 mm
Package carton (W x H x D): 1400 x 920 x 170 mm
Weight of TV without stand: 17.32 kg
Weight of TV with stand: 17.58 kg
Weight incl. packaging: 22.9 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.
* 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

COMMON INTERFACE

USB 2 — 5.0V⎓500mA
USB 1 — 5.0V⎓900mA
🎧

HDMI 4
HDMI 3

Down

SATELLITE
TV ANTENNA
HDMI 1 — 4K 120Hz
HDMI 2 — ARC/eARC 4K 120Hz

DIGITAL AUDIO OUT
NETWORK
SUBWOOFER PRE OUT

PHILIPS