

# PHILIPS

4K Ambilight TV

LED

139 cm (55") Ambilight TV

4K LED

HDR10+

Dolby Atmos and DTS:X

55PUS8100



## The Ambilight TV with Google Assistant built in.

Meet Ambilight TV – where stunning visuals meet effortless entertainment. With this 4K Google TV, there's no need to scroll endlessly—just ask Google Assistant to find your favourite movie, show or sport. Then, sit back and immerse yourself

### **Brilliant, whatever you watch or play.**

- Compatible with voice assistants and Apple AirPlay\*
- Entertainment you love, with a little help from Google.

### **4K LED TV with Ambilight**

- Vivid moments. Sharper scenes.
- There's TV. And there's Ambilight TV

### **Design that speaks volumes**

- Size up to choose
- European design thinking

### **Vivid viewing, cinematic sound**

- Colour and contrast unleashed with HDR10+
- Surround yourself in Dolby Atmos and DTS:X

LED

4K Ambilight TV

55PUS8100/12

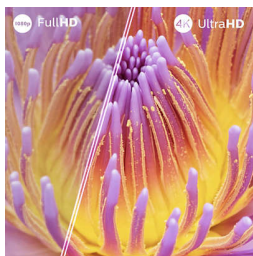
# Highlights

## Ambilight



With integrated LED lights that react to each scene, Ambilight immerses you in a halo of colourful light. All your entertainment goes beyond the screen to draw you deeper into the moment. Once experienced, you'll never want another TV without it.

## 4K LED with Pixel Precise Ultra HD



Zoom in. Lose yourself in the detail. This is 4K picture precision that goes beyond the imaginable. With a Pixel Precise Ultra HD screen for sharpness and lifelike detail, it fills each moment with breathtaking experiences.

## HDR10+



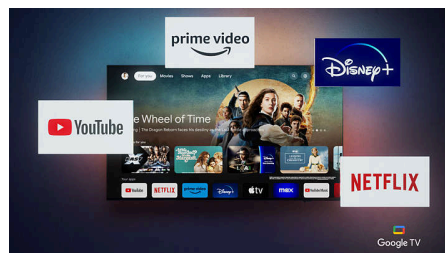
Expect more detail. Frame by frame improved picture quality. With greater emphasis on colour and contrast, this is where even the darkest moments and the brightest scenes are made clearer.

## Dolby Atmos and DTS:X



With Dolby Atmos for sound just as the director intended and DTS:X to create 3D sound experiences, it's as if you're really there. Adding this extra dimension to sound brings a more immersive experience to your home.

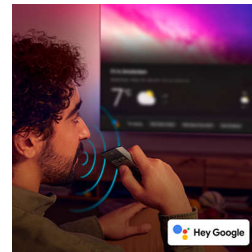
## Google TV™



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.

## AI voice control



You get a choice of voice assistants! Push the Google Assistant button on your remote and you can use your voice to find films and shows, get recommendations, control compatible smart home devices and more. Or ask Alexa to control the TV via Alexa-enabled devices. Stream effortlessly to your TV from your iPhone, iPad or Mac. Watch films from apps. Share photos with friends in the room.\*

## Sustainable expertise

Edge stand, sleek slim frame—this is European design at its finest. Set your Ambilight to lounge mode to drench your room in colour while your TV sleeps. And with its remote formed from recycled plastic and packaging from FSC-certified cardboard, even the inserts are carefully considered and printed on recycled paper.

## Multiple sizes



Go big. Go small. Go for a television that blends in perfectly with your needs. From a small screen 43" right up to a 65" TV, size up the incredible 8000 Series for the smarter choice in TV.

AMBILIGHT tv

4K UltraHD

HDR10+

Dolby Atmos

Google TV

Hey Google

LED

4K Ambilight TV

55PUS8100/12

# Specifications

## Ambilight

**Ambilight Features:** Ambilight Suite, Gaming mode, Wall colour adaptive, Lounge light mode  
**Ambilight Version:** 3 sided

## Picture/Display

**Diagonal screen size (inch):** 55 inch  
**Diagonal screen size (metric):** 139 cm  
**Display:** 4K Ultra HD LED  
**Panel resolution:** 3840 x 2160p  
**Picture engine:** Pixel Precise Ultra HD  
**Picture enhancement:** Micro Dimming, Ultra Resolution, Natural Motion, Crystal Clear, Personal, Home Cinema, ECO, Movie, Game, Monitor

## Display input resolution

**Resolution-Refresh rate:** 640 x 480 - 60 Hz, 576p - 50 Hz, 720p - 50/60 Hz, 1920 x 1080p - 24/25/30/50/60 Hz, 2560 x 1440 - 60 Hz, 3840 x 2160p - 24/25/30/50/60 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\*, Whalefit  
**OS:** Google TV™  
**Memory size (Flash)\*:** 16 GB

## Smart TV Features

**Interactive TV:** HbbTV  
**Voice assistant\*:** RC with Mic., Google Assistant built in, 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:** 2.0 Channel  
**Output power (RMS):** 20 W  
**Speaker configuration:** 2 x 10 W full-range speakers  
**Codec:** Dolby Atmos®, DTS:X, Dolby Digital  
**Sound Enhancement:** AI mode, Original, Entertainment, Music, Spatial Music, Dialogue, Personal, All Sound Style, Clear Dialogue, Sound Personalisation, AVL Mode, Night mode  
**Sound Engine:** Basic Sound Engine  
**Main Speaker:** Full Range Bass Reflex (FR01A)

# Specifications

## Connectivity

**Number of HDMI connections:** 3

**HDMI features:** Audio Return Channel, 4K

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

**Number of USBs:** 2

**Wireless connection:** Wi-Fi 802.11ac, 2 x 2, Dual band, Bluetooth 5.0, Works with Apple AirPlay, Google Fast Pair

**HDCP 2.3:** Yes on all HDMI

**HDMI ARC:** Yes on HDMI3

**HDMI 2.1 features:** eARC/VRR/ALLM supported, eARC on HDMI 3

**EasyLink 2.0:** External setting via TV UI, HDMI-CEC for Philips TV/SB

## Supported HDMI video features

**Gaming:** ALLM, HDMI VRR

**HDR:** HLG, HDR10, HDR10+ Compatible

## EU Energy card

**Energy class for SDR:** F

**Off mode power consumption:** n.a

**Networked standby mode:** 2.0 W

**Panel technology used:** LED LCD

## Power

**Mains power:** AC 100 – 240 V 50/60 Hz

**Standby power consumption:** less than 0.5 W

## Accessories

**Included accessories:** 2 x AAA Batteries, Quick start guide, Safety and Legal Leaflet, Tabletop stand, Remote Control, Power cord

## Design

**Colours of TV:** Metal black bezel

**Stand design:** Black sticks

## Dimensions

**Distance between 2 stands:** 810 mm

**Wall-mount compatible:** 200 x 100 mm

**TV without stand (W x H x D):**

1226 x 714 x 88 mm

**TV with stand (W x H x D):** 1226 x 737 x 255 mm

**Package carton (W x H x D):**

1360 x 820 x 160 mm

**Weight of TV without stand:** 10.07 kg

**Weight of TV with stand:** 10.23 kg

**Weight incl. packaging:** 12.71 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.

\* Smart TV app availability varies by TV model and country. For more details, please visit: [www.philips.com/smarttv](http://www.philips.com/smarttv)

\* 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](http://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.

\* Scope of voice control services via the TV varies according to country and language. For the latest information, please contact our customer care.

\* Apple, AirPlay and Apple Home are trademarks of Apple Inc., registered in the U.S. and other countries and regions.

\* Google TV is the name of this device's software experience and a trademark of Google LLC.

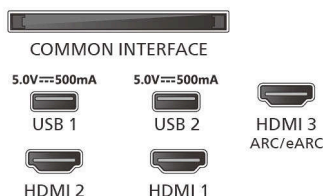
\* Google TV is the name of this device's software experience and a trademark of Google LLC. YouTube, OK Google and other marks are trademarks of Google LLC.

\* Availability of Apple TV app and Apple TV+ may vary by country or region. Please check the Google Play and Apple Inc. support pages.

\* Matter/Control4: this feature will become available in 2025 via a software update.

## Connections

### Side



### Down

