

PHILIPS

4K OLED Ambilight TV

OLED

Ambilight TV, AmbiScape
4K OLED. Up to 165Hz
P5 AI Intelligent Engine
IntelliSound



55OLED811

Incredible realism. Gorgeous design

OLED811 offers P5 AI intelligent engine with lifelike details, smooth motion intelligently. Great cinematic sound with wide range of Smart TV contents. Ambilight responds to the content you are watching, delivering an immersive experience.

Seamless in every way

- Connect seamlessly to smart home networks
- Thoughtful design. Responsible packaging

4K OLED Ambilight TV. Beautifully immersive

- Ambilight
- AmbiScape -sync your smart bulbs to the action
- Bright OLED screen. Lifelike picture in any light
- Whatever you watch, a picture so real. P5 engine with AI
- Cinematic viewing for all your watch and play
- Immersive Surround sound technology

Every show. Every film. Every game

- Whatever you watch, perfect TV sound. IntelliSound engine
- Quick and easy to find content with Titan OS
- Total Gaming Solution. Thrilling play for every gamer.

Highlights

Immerse yourself in what you love.

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

AmbiScape

Step into a new dimension of entertainment. AmbiScape extends Ambilight beyond the TV, syncing with your smart lights to transform your room into a living canvas. Feel every scene, every beat, and every moment as your surroundings react in real time—pulling you deeper into the experience.

4K OLED

The lifelike picture of this even brighter OLED TV always looks superb, even if viewed at an angle. Any changes to ambient lighting in your room are automatically compensated for whatever you're watching, blacks look black (not grey) and even the smallest details will leap from the shadows and bright areas. All major HDR formats are supported.

P5 AI intelligent 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 colors, and smooth motion.

Cinematic viewing

Hold onto the edge of your seat! With Dolby Vision 2 Max on board, you'll see more of 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 sound of this 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.

IntelliSound

With our IntelliSound engine onboard, your OLED TV can use AI to give you the best possible sound! Whether it's shows and movies, music or speech-heavy content like news, the TV will optimize settings automatically. Don't want to use AI? You can also select preset sound styles manually or customize settings yourself.

Philips Smart TV Titan OS

The Philips Smart TV Titan OS platform brings what you love to watch, and fast. From sequels to series, and from documentaries to drama,

everything you want is there at the touch of a button. Whatever you're looking to watch, keep all the best streaming apps easily within your reach.

Total Gaming solution

HDMI 2.1, up to 165Hz 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 customize how you play and you can connect to a Bluetooth controller for cloud gaming. PC gamers can enjoy VRR via HDMI.

Matter Smart Home compatible

Matter Smart Home compatibility brings seamless integration to your existing smart home network. To control the TV from your Matter Smart Home app or with voice control services simply push the button on your remote and speak. Dim the lights. Adjust your thermostat. Even turn on your Philips Ambilight TV. A single command does it all.

Thoughtful design

This sleek bezel less OLED screen looks sophisticated in any room and Ambilight creates mesmerizing mood lighting when the screen is off. Our packaging uses FSC certified recycled cardboard and the inserts are printed on recycled paper.

OLED

4K OLED Ambilight TV

55OLED811/12

Specifications

Ambilight

Ambilight Features: AmbiScape, Wall colour adaptive, Ambilight Music, Auto Ambilight, Ambilight FTI Animation, Ambilight Bootup Animation, Ambilight Suite, Gaming mode

Ambilight Version: 3-sided

Picture/Display

Diagonal screen size (inch): 55 inch

Diagonal screen size (metric): 139 cm

Display: 4K Ultra HD OLED

Panel resolution: 3840x2160p

Native refresh rate: 120 Hz

Picture engine: P5 AI Perfect Picture Engine

Picture enhancement: Perfect Natural Motion, Personal, Monitor, Micro Dimming Pro, ECO, Calman Autocal Ready & Manual Calibration, Crystal Clear, HDR10+ compatible, MEMC / FRC Embedded, Natural, Reference, Game

Variable Refresh Rate: 165 Hz

Display input resolution

Resolution-Refresh rate: 640x480-60Hz, 720p-50Hz,60Hz, 576p-50Hz, 1920 x 1080p

-24/25/30/50/ 60/100/120/165Hz, 2560 x 1440

- 24/25/30/50/ 60/100/120/165Hz, 3840x2160p

- 24/25/30/50/60/100/120/165Hz

Tuner/Reception/Transmission

Digital TV: DVB-T/T2/T2-HD/C/S/S2

Teletext: 1000 page Hypertext

HEVC support

Smart TV

SmartTV apps*: Amazon Prime Video, Disney+, Apple TV, Netflix*, NFT app*, TITAN channel, YouTube, HBO

OS: TITAN OS

Memory size (Flash)*: 8GB

Smart TV Features

Interactive TV: HbbTV

Voice assistant*: RC with Mic., Works with

Google Home, Works with Alexa

Smart Home experience: Control4, MATTER, Works with Google Home, Works with Amazon Alexa

Gaming Control Bar: Gamebar 2.0

TTS support

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: 2.2 Channel

Output power (RMS): 70W

Speaker configuration: 4x10W+2x15W

Codec: DTS:X, Dolby Digital MS12 V2.8

Sound Enhancement: Dolby Atmos Virtualizer, Dialogue, Entertainment, Music, Original

Headphone Features: Dolby Atmos for Headphone

Sound Engine: IntelliSound

Main Speaker: Super Slim Full Range + Tweeter

Woofer: 20mm Slim Bass Reflex

Connectivity

EasyLink 3.0

Number of HDMI connections: 4

HDMI features: Audio Return Channel, 4K, ALLM (Auto Low Latency Mode)

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

Number of USBs: 2

Wireless connection: Wi-Fi 802.11ax, 2x2, Dual band, Bluetooth 5.4, easy-pair (RC blue button), Works with Apple AirPlay

HDCP 2.3: Yes on all HDMI

HDMI ARC: HDMI 3

HDMI 2.1 features: eARC on HDMI 3, VRR on all HDMI ports, 4K 165Hz 10bits 4:2:2, HDR on all HDMI ports, ALLM on all HDMI ports, Max 48Gbps data rate

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

Specifications

Supported HDMI video features

HDMI 1/2: HDMI 2.1 full bandwidth 48Gbps, upto 4K 165Hz

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

HDMI 3/4: HDMI 2.1 Bandwidth 48Gbps, upto 4K 165Hz

HDR: HDR10, HDR10+ Compatible, HLG, Dolby Vision 2 Max

EU Energy card

EPREL registration numbers: 2687062

Energy class for SDR: F

On mode power demand for SDR:

77 Kwh/1000h

Energy class for HDR: F

On mode power demand for HDR:

71 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: <0.3W

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

Accessories

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

Design

Colors of TV: Metal bezel frame

Stand design: Circle Cut Central plastic gun metal

Dimensions

Distance between 2 stands: 499 mm

Wall mount compatible: 300 x 300 mm

TV without stand (W x H x D): 1225 x 701 x 40 mm

TV with stand (W x H x D): 1225 x 774 x 239 mm

Package carton (W x H x D): 1400 x 890 x 160 mm

Weight of TV without stand: 14.90 kg

Weight of TV with stand: 17.59 kg

Weight incl. packaging: 22.51 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 per TV model and country. For more details please visit: www.philips.com/smarttv

* 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

* EPG and actual visibility (up to 8 days) is country- and operator-dependent.