

PHILIPS



4K OLED Ambilight
TV

OLED

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



55OLED811

Incredible realism. Gorgeous design

OLED811 offers P5 AI intelligent engine with lifelike details and smooth motion intelligently. Great cinematic sound with a 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
- AmbiScope -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 everything you 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.

OLED

4K OLED Ambilight TV

55OLED811/12

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 colourful 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 straight into it. A deep-learning AI algorithm processes images in a

manner similar to the human brain. Whatever you're watching, you get lifelike detail and contrast, rich colours 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 films 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 films, 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 on board, your OLED TV can use AI to give you the best possible sound! Whether it's shows and films, music or speech-heavy content like news, the TV will optimise settings automatically. Don't want to use AI? You can also select preset sound styles manually or customise 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 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 165 Hz native refresh rate and an ultra-low input lag. From indie games to AAA titles, 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 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 mesmerising mood lighting when the screen is off. Our packaging uses FSC-certified recycled cardboard and the inserts are printed on recycled paper.

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Specifications

Ambilight

Ambilight Features: AmbiScape, Wall colour adaptive, Ambilight Music, Auto Ambilight, Ambilight FTI Animation, Ambilight Boot-Up 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: 3840 x 2160p
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 and Manual Calibration, Crystal Clear, HDR10+ compatible, MEMC / FRC Embedded, Natural, Reference, Game
Variable Refresh Rate: 165 Hz

Display input resolution

Resolution-Refresh rate: 640 x 480 - 60 Hz, 720 p - 50 Hz, 60 Hz, 576 p - 50 Hz, 1920 x 1080p - 24/25/30/50/ 60/100/120/165 Hz, 2560 x 1440 - 24/25/30/50/ 60/100/120/165 Hz, 3840 x 2160p - 24/25/30/50/60/100/120/165 Hz

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)*: 8 GB

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): 70 W
Speaker configuration: 4 x 10 W+2 x 15 W
Codec: DTS:X, Dolby Digital MS12 V2.8
Sound Enhancement: Dolby Atmos Virtualiser, Dialogue, Entertainment, Music, Original

Headphone Features: Dolby Atmos for Headphone

Sound Engine: IntelliSound

Main Speaker: Super Slim Full Range + Tweeter

Woofer: 20 mm 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 165 Hz 10 bits 4:2:2, HDR on all HDMI ports, ALLM on all HDMI ports, Max 48 Gbps 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 48 Gbps, up to 4K 165Hz

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

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

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, Tabletop stand, Power cord, Remote Control

Design

Colours 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

