

PHILIPS

4K RGB MiniLED Ambilight TV

RGB MiniLED

Ambilight TV, AmbiScape
4K RGB MiniLED. Up to 330Hz
DLG
P5 AI Intelligent Engine
IntelliSound



85MLED981

For every thrilling moment

This MLED981 with P5 AI intelligent engine with superb image details, smooth motion that blends intelligently, enabling a captivating gaming experience. Ambilight responds to the content you are watching, delivering an immersive experience.

4K MiniLED Ambilight TV. Beautifully immersive

- Immerse yourself in what you love. Ambilight TV
- AmbiScape -sync your smart bulbs to the action
- Brightest RGB MiniLED screen. Superb 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.

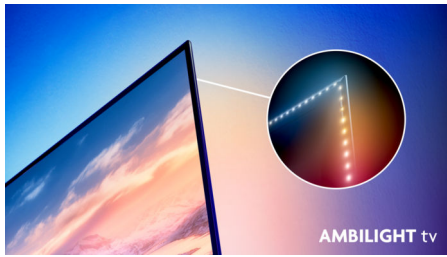
- Whatever you watch, perfect TV sound. IntelliSound engine
- Quick and easy to find content with Titan OS
- Ultimate Gaming Solution. Captivating in every game.

Seamless in every way.

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

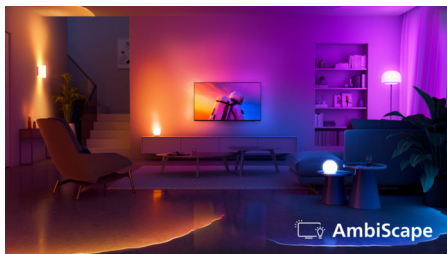
Highlights

Ambilight



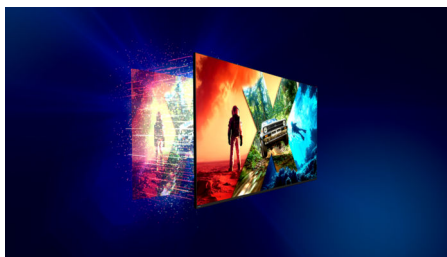
Ambilight TVs are the only TVs with integrated LED lights on the back that react to what you watch, immersing you in a halo of colorful light. This changes everything: your TV seems bigger and you'll be drawn deeper into your favourite sports, films, music and games.

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 RGB MiniLED



This superb and brightest MiniLED RGB TV with looks incredibly stunning with more than 11000 color dimming zones. 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

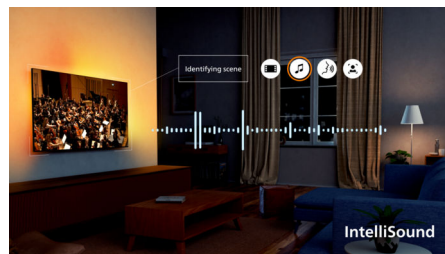
Hold onto the edge of your seat! With Dolby Vision 2 Max on board, you'll see more of the picture the director wanted you to see, no more disappointing scenes that are too dark to make out! From movies to games, say hello to every glorious detail.

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 MiniLED 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 with 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 330Hz DLG 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 lets this MiniLED screen look 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.

Specifications

Ambilight

AmbiScape

Ambilight Features: Ambilight Aurora, Ambilight FTI Animation, Ambilight Suite, AmbiSleep, Game Mode, Ambilight Music, Wall colour adaptive, Ambilight Bootup Animation, Auto Ambilight

Ambilight Version: 3-sided

Picture/Display

Diagonal screen size (inch): 85 inch

Diagonal screen size (metric): 215 cm

Panel resolution: 3840x2160p

Native refresh rate: 120 Hz

Picture engine: P5 AI Perfect Picture Engine

Picture enhancement: Calman Autocal Ready & Manual Calibration, Crystal Clear, Local contrast, ECO, Personal, Game, MEMC / FRC Embedded, Monitor, Natural, Ultra Resolution, Perfect Natural Motion

Variable Refresh Rate: 165 Hz

Display input resolution

Resolution-Refresh rate: 576p-50Hz, 640x480-60Hz, 720p-50Hz,60Hz, 1366 x 768 - 60Hz

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*: Amazon Prime Video, Disney+, Netflix*, NFT app*, HBO, YouTube, Apple TV

OS: TITAN OS

Memory size (Flash)*: 8GB

Smart TV Features

Interactive TV: HbbTV

Voice assistant*: RC with Mic.

Smart Home experience: Works with Amazon Alexa, Works with Apple Home, Works with Google Home, Home-automation system ready, please visit Control4 website, MATTER

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: 4.1 Channel

Output power (RMS): 70W

Speaker configuration: 10W x 4 + 30W

Codec: DTS:X

Sound Enhancement: A.I. Sound, Dialogue, Entertainment, Music, Personal, All Sound Style, Dolby Atmos Virtualizer, Dolby Bass Enhancement, Equalizer, Room Calibration, AVL Mode, Night Mode

Headphone Features: Dolby Atmos for Headphone

Sound Engine: IntelliSound

Main Speaker: Slim Full Range + Tweeter

Woofer: Triple Ring Balance Quad PR

Connectivity

EasyLink 3.0

Number of HDMI connections: 4

HDMI features: 4K, Supports HDMI ALLM (HDMI2.1), Audio Return Channel

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

Number of USBs: 2

Wireless connection: Wi-Fi 802.11ax, 2x2, Dual band, Bluetooth 5.4, Works with Apple AirPlay

HDCP 2.3: Yes on all HDMI

HDMI ARC: Yes on HDMI2

HDMI 2.1 features: eARC on HDMI 2

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

Supported HDMI video features

HDMI 1/2: HDMI 2.1 full bandwidth 48Gbps

Gaming: AMD FreeSync Premium Pro, Dolby Vision Game, HGiG, ALLM, Auto Game Mode

HDR: HLG, HDR10+ Compatible, HDR10

EU Energy card

Energy class for SDR: G

Energy class for HDR: G

Off mode power consumption: n.a

Networked standby mode: 2.0 W

Specifications

Power

Mains power: AC 100-240V 50/60Hz

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: 2 x AAA Batteries, Power cord, Quick start guide, Table top stand, Safety & Legal Leaflet, Remote Control

Design

Colours of TV: Metal satin chrome low bezel

Stand design: Metal satin chrome stand

Dimensions

Distance between 2 stands: 1,453 mm

Wall-mount compatible: 600 x 400 mm

TV without stand (W x H x D): 1894 x 1087 x 96 mm

TV with stand (W x H x D): 1894 x 1158 x 390 mm

Package carton (W x H x D): 2080 x 1250 x 245 mm

Weight of TV without stand: 50.02 kg

Weight of TV with stand: 50.83 kg

Weight incl. packaging: xx.xx 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.
- * 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 remote control will be different per 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.

