PHILIPS



4K Ambilight TV

OLED

164 cm (65") Ambilight TV
P5 AI perfect picture engine
TITAN OS smart platform
Dolby Vision and Dolby Atmos



65OLED759

Every show. Every film. Every game.

4K Ambilight TV

The thrill is real with our most affordable OLED Ambilight TV. Whatever you watch or play, the lifelike picture and smooth motion dial up the excitement. Ambilight makes every jaw-dropping, spine-tingling moment feel bigger.

4K OLED Ambilight TV. Where TV comes alive.

- Immerse yourself in what you love. Ambilight TV.
- Whatever you watch, a picture so real. P5 engine with AI.
- Find it easily. TITAN OS.
- Detail and depth. Lifelike OLED picture.

Lifelike depth and detail. Smooth motion.

- Epic gaming. 120 Hz, ultra-low lag, G-sync, VRR, FreeSync.
- Cinematic vision and sound. Dolby Vision and Dolby Atmos
- Supports all major HDR formats.

Sustainable materials. Easy control.

- Thoughtful design. Responsible packaging.
- Philips Wireless Home System powered by DTS Play-Fi.
- Easily connect to smart home networks and voice assistants.
- Compatible with Matter and Control4.

Highlights

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

P5 Al perfect picture 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 colour and smooth motion.

TITAN OS smart platform



It's quick and easy to find what you love with our TITAN OS smart TV platform. Enjoying a series? You can continue watching straight from the home screen. If you're looking for something new, you can browse categories like action or drama and see suggestions from the top streaming services, all in one place.

OLED Ambiliaht TV



The lifelike picture of your 4K (UHD) OLED Ambilight TV always looks incredible, even if viewed at an angle. Blacks are always black, not grey, and you'll see every detail in shadows or bright areas. All major HDR formats are supported - you'll feel the full power of every scene.

Epic gaming



Play without limits and immerse yourself in OLED's incredible realism! HDMI 2.1, a blazingfast 120 Hz native refresh rate and ultra-low input lag bring fluid, responsive gameplay, super-smooth natural motion and great-looking graphics. Ambilight's gaming mode brings even bigger thrills.

Dolby Vision & Dolby Atmos



With Dolby Vision and Dolby Atmos on board, your films, shows and games look and sound incredible. See the picture the director wanted you to see. No more disappointing scenes that are too dark to make out! Hear every word clearly. Experience sound effects like they're really happening around you.

Sustainable materials



This TV has polished metal feet, and you can use Ambilight as instant mood lighting when the screen is off. The TV remote is made from recycled plastic, our packaging uses FSC-certified recycled cardboard and the inserts are printed on recycled paper.

DTS Play-Fi compatible



Philips Wireless Home System with DTS Play-Fi lets you connect to compatible soundbars and wireless speakers around your home in seconds. Listen to films in the kitchen. Play music anywhere. You can even create a home-cinema surround-sound system using your Ambilight TV as a central speaker.

Seamless control



Seamless compatibility with Matter and Control4 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 TV's built-in Alexa, and the TV is compatible with Google smart speakers too.













4K Ambilight TV 650LED759/12

Specifications

Ambilight

Ambilight Features: Wall colour adaptive, Lounge light mode, Ambilight Music, AmbiSleep, Sunrise Alarm, Works with Philips Wireless Home Speakers, Ambilight FTI Animation Ambilight Version: 3 sided

Picture/Display

Diagonal screen size (metric): 164 cm Display: 4K Ultra HD OLED Panel resolution: 3840 x 2160 Picture engine: P5 Al Perfect Picture Engine Diagonal screen size (inches): 65

Display input resolution

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

Tuner/Reception/Transmission

Digital TV: DVB-T/T2/T2-HD/C/S/S2
TV Programme guide*: 8-day Electronic

Programme Guide

Teletext: 1000 page Hypertext

Smart TV Features

User Interaction: Screen mirroring
Interactive TV: HbbTV
Voice assistant*: Amazon Alexa built-in, RC with
Mic.

Smart Home experience: Works with Amazon Alexa, Works with Google Home, Compatible with Matter, Connects with Control4

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,

Sound

Audio: 2.0 Channel Output power (RMS): 2 x 10 W full-range speakers

Codec: Dolby Digital MS12 V2.6.2, Dolby Atmos®,

DTS:X

Sound Enhancement: Dolby Bass Enhancement, Clear Dialogue, A.I. Sound, A.I. EQ, Dolby Volume Leveller, Night mode, Sound Personalisation

Connectivity

CEC for Philips TV/SB

Number of HDMI connections: 4

HDMI features: 4K, Audio Return Channel
EasyLink (HDMI-CEC): Remote control passthrough, System audio control, System standby,
One touch play
Number of USBs: 2
Wireless connection: Wi-Fi 802.11ac, 2 x 2, Dual
band, Bluetooth 5.2

HDCP 2.3: Yes on all HDMI
HDMI ARC: Yes on HDMI2
HDMI 2.1 features: eARC on HDMI 2,
eARC/VRR/ALLM supported
EasyLink 2.0: External setting via TV UI, HDMI-

Specifications

Supported HDMI video features

Gaming: ALLM, HDMI VRR, AMD FreeSync Premium, Nvidia G-Sync compatible HDR: Dolby Vision, HDR10, HDR10+, HDR10+ Adaptive, HLG HDMI 1/2/3/4: HDMI 2.1 full bandwidth 48 Gbps, Up to 4K 120 Hz

EU Energy card

EPREL registration numbers: 1943987

Energy class for SDR: F

On mode power demand for SDR:

96 kWh/1000h

Energy class for HDR: E

On mode power demand for HDR:

84 kWh/1000h

Off mode power consumption: n.a Networked standby mode: 2.0 W Panel technology used: OLED

Power

Mains power: OLED

Standby power consumption: less than 0.5 W Power Saving Features: Auto switch-off timer, Picture mute (for radio), Eco mode, Light sensor

Accessories

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

Design

Colours of TV: Metal bezel frame Stand design: Metal anthracite sticks

Dimensions

Weight incl. Packaging: 29.5 kg Distance between 2 stands: 795 mm Stand height to TV bottom edge: 23 mm Wall-mount compatible: 300 x 300 mm TV without stand (W x H x D):

1450 x 833 x 58 mm

TV with stand (W x H x D): 1450 x 850 x 280 mm

Package carton (W x H x D): 1660 x 1045 x 170 mm

Weight of TV without stand: 24.0 kg Weight of TV with stand: 24.4 kg

Connections

COMMON INTERFACE

USB 2 HDMI 4 HDMI 3

5.0V==900mA

HDMI 2 HDMI 1

Bottom

SATELLITE











- * 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.
- * 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.
- * HBO Max app service will be available by August 2024.
- * Matter/Control4: this feature will become available in 2024 via a software update.

© 2025 Koninklijke Philips N.V. All Rights reserved.

EAN: 87 18863 04197 0

Issue date 2025-08-07

Version: 7.7.2

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. or their respective owners.

EAN: 87 18803 04197



