



Philips LED  
4K UHD LED Smart TV

126 cm (50")

HDR 10+ supported  
P5 Perfect Picture Engine  
Smart TV



50PUS7505

## Big on looks. Solid on sound.

### 4K HDR Smart LED TV

Lose yourself in the moment. This Philips HDR TV delivers superb picture quality plus premium Dolby Atmos sound. HDR streaming series, games and sports look truly great. The SAPHI dashboard gives you quick access to the content you love.

#### **Big screen. Looks spectacular.**

- Black-gloss bezel. Slender feet.
- Philips 4K UHD TV. Vibrant HDR picture.

#### **Simply smart**

- Saphi Smart TV. The smart way to enjoy your TV.
- Philips TV Collection. Netflix, Prime Video and more.
- One-button access to a clear icon-based menu.

#### **Smooth motion. Real colour. Incredible depth.**

- Dolby Vision and Dolby Atmos. Cinematic vision and sound.
- Philips P5 Engine. Whatever the source, always perfection.
- HDR10+ supported. See more of what the director intended.

#### **Crisp sound. Hear every word.**

- Crisp, clear dialogue. Punchy bass.
- Clear audio from down-firing speakers.

# PHILIPS

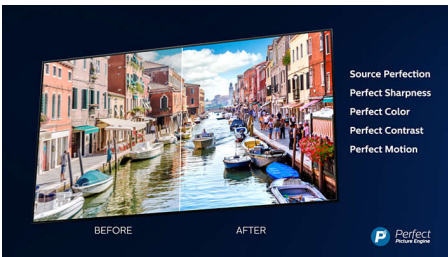
# Highlights

## 4K UHD HDR



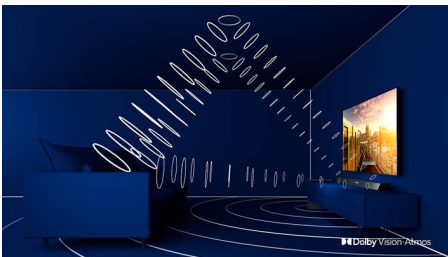
Your Philips 4K UHD TV is compatible with all major HDR formats, including HDR10+ and Dolby Vision. Whether it's a must-watch series or the latest video game, shadows will be deeper. Bright surfaces will shine. Colours will be truer.

## P5 Perfect Picture Engine



The Philips P5 engine delivers a picture as brilliant as the content you love. Details have noticeably more depth. Colours are vivid, while skin tones look natural. Contrast is so crisp you'll feel every detail. Motion is perfectly smooth.

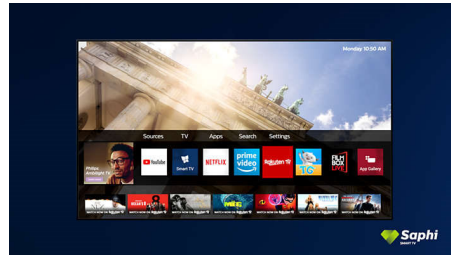
## Dolby Vision and Dolby Atmos



Support for Dolby's premium sound and video formats means the HDR content you watch

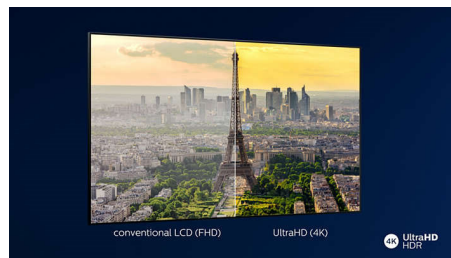
will look—and sound—gloriously real. Whether it's the latest streaming series or a Blu-Ray disc set, you'll enjoy contrast, brightness and colour that reflect the director's original intentions. And hear spacious sound with clarity, detail and depth.

## Saphi Smart TV



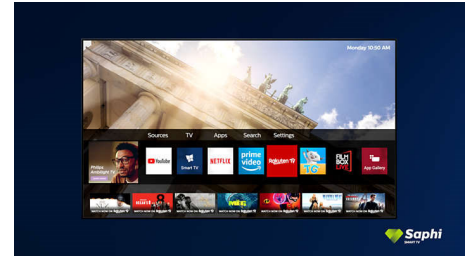
SAPHI is a fast, intuitive operating system that makes your Philips Smart TV a real pleasure to use. Enjoy one-button access to a clear icon-based menu. Quickly navigate to popular Philips Smart TV apps including YouTube, Netflix and more.

## HDR10+ supported



Your Philips TV is primed to get the most out of the HDR10+ video format. Contrast, colour and brightness levels are adjusted from frame to frame. Whether it's a must-watch series or the new blockbuster, shadows will be deeper. Bright surfaces will shine. Colours will be truer.

## Saphi Smart TV



SAPHI is a fast, intuitive operating system that makes your Philips Smart TV a real pleasure to use. Enjoy great picture quality and one-button access to a clear icon-based menu. Operate your TV with ease and quickly navigate to popular Philips Smart TV apps including YouTube, Netflix and more.

## Clear audio

Clear audio from down-firing speakers.

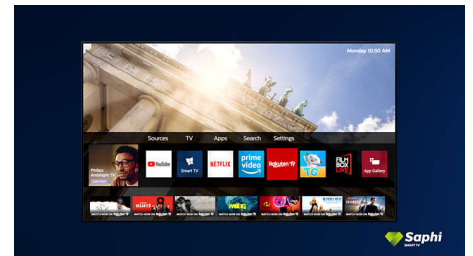
## Punchy bass

Crisp, clear dialogue. Punchy bass.

## Design

Black-gloss bezel. Slender feet.

## SAPHI TV Collection



Philips TV Collection. Netflix, Prime Video and more.

# Specifications

## Picture/Display

- Aspect ratio: 16:9
- Diagonal screen size (inch): 50 inch
- Diagonal screen size (metric): 126 cm
- Display: 4K Ultra HD LED
- Panel resolution: 3840 x 2160
- Picture engine: P5 Perfect Picture Engine
- Picture enhancement: Ultra Resolution, Dolby Vision, HDR10+, HLG (Hybrid Log Gamma), 1500 PPI, Micro Dimming
- Diagonal screen size (inch): 50 inch

## Supported Display Resolution

- Computer inputs on all HDMI: up to 4K UHD 3840 x 2160 @60 Hz, HDR supported, HDR10/HLG
- Video inputs on all HDMI: up to 4K UHD 3840 x 2160 @60 Hz, HDR supported, HDR10/HLG (Hybrid Log Gamma), HDR10+/Dolby Vision

## Tuner/Reception/Transmission

- Digital TV: DVB-T/T2/T2-HD/C/S/S2
- Video Playback: PAL, SECAM
- MPEG Support: MPEG2, MPEG4

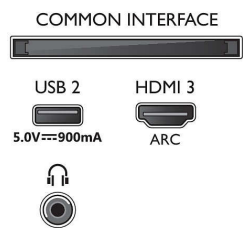
- TV Programme guide\*: 8-day Electronic Programme Guide
- Signal strength indication
- Teletext: 1000 page Hypertext
- HEVC support

## Smart TV Features

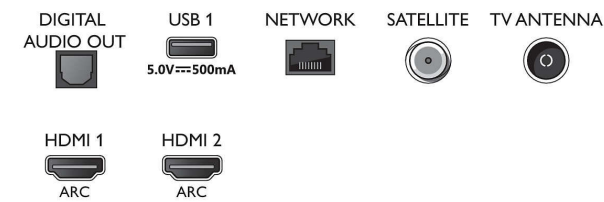
- User Interaction: SimplyShare, Screen mirroring
- Interactive TV: HbbTV
- SmartTV apps\*: Online video stores, Open Internet browser, TV on demand, YouTube, Netflix TV

## Connections

### Side



### Bottom



# Specifications

- Ease of Installation: Auto detect Philips devices, Network installation wizard, Settings assistant wizard
- Ease of Use: One-stop smart menu button, On-screen user manual
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Screen Format Adjustments: Advance - Shift, Basic - Fill Screen, Fit to screen, Zoom, stretch, Wide screen

## Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, HEVC (H.265), VP9
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Subtitles Formats Support: .SMI, .SRT, .SUB, .TXT, .ASS, .SSA
- Picture Playback Formats: JPEG, BMP, GIF, PNG, 360 photo, HEIF

## Processing

- Processing Power: Dual Core

## Sound

- Output power (RMS): 20 W
- Speaker configuration: 2 x 10 W full-range speaker
- Sound Enhancement: 5 Band Equalizer, A.I. Sound, Clear Dialogue, Dolby Atmos<sup>®</sup>, Night mode, Auto Volume Leveller, Bass Enhancement, Dolby Bass Enhancement, Dolby Volume Leveller

## 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
- Number of USBs: 2
- Wireless connection: Wi-Fi 802.11n, 2 x 2, Single band
- Other connections: Satellite Connector, Common Interface Plus (CI+), Digital audio out (optical), Ethernet-LAN RJ-45, Headphone out, Service connector
- HDCP 2.3: Yes on all HDMI

## EU Energy card

- Diagonal screen size (inch): 50
- EPREL registration numbers: 355214
- Energy class for SDR: G
- Diagonal screen size (metric): 126
- On mode power demand for SDR: 144 kWh/1000h
- Energy class for HDR: G
- On mode power demand for HDR: 74 kWh/1000h
- Off mode power consumption: n.a.
- Networked standby mode: <math>\leq 2.0\text{ W}</math>
- Panel technology used: LED LCD

## Power

- Mains power: AC 220 - 240 V 50/60 Hz
- Ambient temperature: 5°C to 35°C
- Standby power consumption: <math>\leq 0.3\text{ W}</math>
- Power Saving Features: Auto switch-off timer, Picture mute (for radio), Eco mode
- Off mode power consumption: N/A
- Presence of lead: Yes\*
- Mercury content: 0 mg

## Accessories

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

## Design

- Colours of TV: Plastic glossy black bezel
- Stand design: Matte blade stand

## Dimensions

- Set Width: 1127.6 mm
- Set Height: 643.5 mm
- Set Depth: 77.4 mm
- Product weight: 10.4 kg
- Set width (with stand): 1127.6 mm
- Set height (with stand): 676.1 mm
- Set depth (with stand): 259.7 mm
- Product weight (+stand): 10.6 kg
- Box width: 1240.0 mm
- Box height: 785.0 mm
- Box depth: 150.0 mm
- Weight incl. Packaging: 15.3 kg
- Stand width: 790.0 mm
- Stand height: 32.6 mm
- Stand depth: 259.7 mm
- Wall-mount compatible: 200 x 200 mm



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EAN: 87 18863 02346 4

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

\* Energy consumption in kWh per year based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.

\* 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.

\* 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](http://www.philips.com/TVRemoteapp).

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

\* 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.