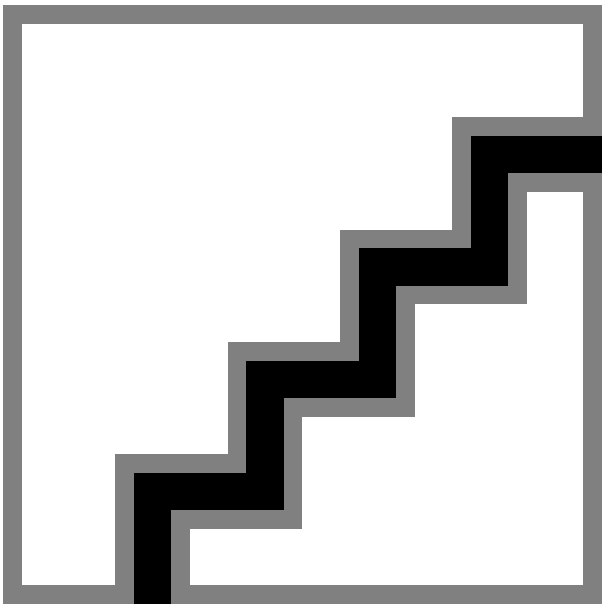


Philips

4K UHD Slim LED TV powered by Android™ with Ambilight 2-sided and Pixel Plus Ultra HD

- 139 cm (55")
- 4K Ultra HD LED TV
- Dual Core; 8GB & expandable
- DVB-T/T2/C

55PUT6800/56

4K UHD Slim LED TV powered by Android

with Ambilight 2-sided

The 6800 Series Ultra HD TV combines Pixel Plus Ultra HD, Dual Core processing and the power of Android to deliver fluid performance-beautifully. Slim lines, an elegant open stand, and loads of features complete the experience.

Benefits

Functional elegance

- Swivel stand lets you enjoy TV from any angle
- Ambilight changes the way you look at TV forever

See every detail

- 4K Ultra HD: resolution like you've never seen it before
- Natural Motion for fluid yet sharp moving images
- Micro Dimming Pro for incredible contrast
- Pixel Plus Ultra HD: discover Ultra HD Picture Quality
- Ultra Resolution converts any content into crisp Ultra HD

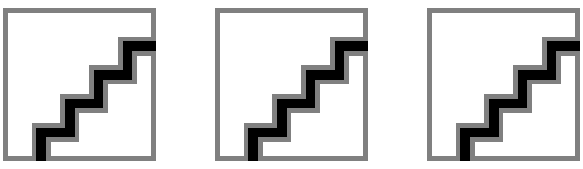
With Android your TV can do it all

- Dual Core processing and Android OS for strong performance
- Google Play™: your window to fun
- Google Cast: unlock the full potential of your Smart TV
- Spotify Connect—share your favorite music on TV

Features

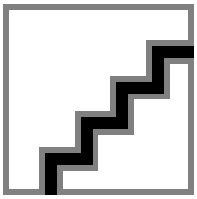
Open metal swivel stand

A television with modern, refined lines deserves a stand that lifts it above the ordinary. That's why the designers at Philips TV created this unique, open metal stand that not only integrates beautifully with your décor, it also lets you swivel the TV to adjust the viewing angle as well!



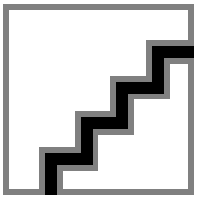
PHILIPS

Ambilight 2-sided



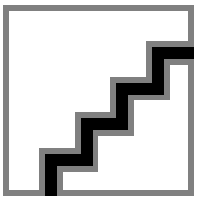
You've created a home that's more than just a house, so why not choose a TV that is warm and inviting too? Philips unique Ambilight technology makes your screen much wider—and your viewing experience more immersive—by emitting an extra wide glow from two-sides of your TV screen onto the surrounding wall. Color, vibrancy and excitement move beyond the screen and into your living room to bring you a viewing experience beyond the ordinary.

4K Ultra HD



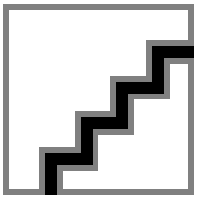
Ultra HD TV has 4 times the resolution of a conventional Full HD TV. With over 8 million pixels and our unique Ultra Resolution upscaling technology, you'll experience improved images regardless of the original content. Enjoy improved sharpness, increased depth perception, superior contrast, smooth natural motion, and flawless details.

Natural Motion



You love watching movies, but demand the best image possible. Natural Motion is our motion enhancement technology that resolves judder, providing you with a smooth moving image. Films are recorded at a limited frame rate of 24 frames per second resulting in judder. Natural Motion doubles the number of frames to 50 motion changes per second. This resolves judder, so all you see is a fluid, sharper image.

Micro Dimming Pro

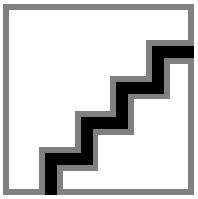


Micro Dimming Pro optimizes the contrast on your TV based on the light conditions in your environment. A light sensor and special software analyze the picture in 6400 different zones so you'll enjoy incredible contrast and image quality for a truly lifelike visual experience—day or night.

Pixel Plus Ultra HD

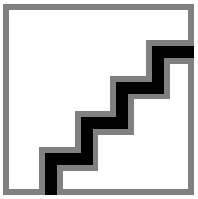
Experience 4K Ultra HD sharpness from Philips. Philips Pixel Plus Ultra HD engine optimizes picture quality to deliver smooth, fluid images with incredible detail and depth. So whether you stream online or watch a DVD, you'll enjoy sharper 4K images with brighter whites and blacker blacks—every time and from any source.

Ultra Resolution



Ultra Resolution converts any content into a sharper Ultra HD picture on screen. Advanced upscaling combined with Philips unique line thinning algorithms transform original pixels into better pixels. The result is a visibly more refined image with finer lines, and greater, deeper details.

Dual Core + Android

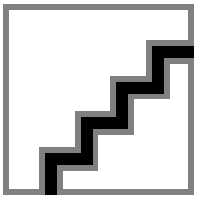


With Android on your TV you'll navigate, launch apps and play videos in a way that is super fast, super intuitive, and super fun. The Android robot liberates the power of our Dual Core processor to get things done with speed and ease.

Google Play

Google Play™ has a rich catalogue of high quality games for all ages. Optimized for use on your TV, they look as great as they play. And there's no need to clutter up your house with yet another gaming console; with a universal USB gaming control you can navigate and play with ease.

Google Cast



Use Google Cast together with your smart device* to harness the power of your Philips Smart TV. It lets you browse web sites, content and apps, and then 'cast' them to your TV at the push of a button. Best of all, you can continue to use your smart device for other things even while the casted content is playing on your TV.

Spotify Connect

All your favorite music is stored on your phone—but wouldn't you rather hear it on your more powerful TV speakers? With Spotify Connect, you can easily play Spotify on your TV using the Spotify app on your phone as a remote. Just hit the play button and the music will switch to your TV speakers. No wires, no hassle… just sit back and relax.

Specifications

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Ambilight

Ambilight Version	2 sided
Ambilight Features	Wall colour adaptive Lounge mode Ambilight+hue

Picture/Display

Display	4K Ultra HD LED
Diagonal screen size (metric)	139 cm
Diagonal screen size (inch)	55 inch
Panel resolution	3840x2160
Aspect ratio	16:9
Brightness	300 cd/m²
Picture enhancement	Pixel Plus Ultra HD Natural Motion 700 Hz Perfect Motion Rate Micro Dimming Pro Ultra Resolution

Android

OS	Android™ 5.1 (Lollipop)
Pre-installed apps	Google Play Movies* Google Play Music* Google search Voice Search YouTube
Memory size	8GB extendable via USB storage

Smart TV Features

User Interaction	MultiRoom Client and Server SimplyShare Wi-fi Miracast Certified*
Program	Pause TV USB Recording*
SmartTV apps*	Online Video Stores Open Internet Browser Social TV Spotify TV on Demand Youtube
Ease of Installation	Auto detect Philips devices Device connection wizard Network installation wizard Settings assistant wizard
Ease of Use	One-stop Smart Menu button Onscreen Usermanual
Firmware upgrade-able	Firmware auto upgrade wizard Firmware upgradeable via USB Online firmware upgrade
Screen Format Adjustments	Basic - Fill Screen Fit to Screen Advance - Shift Zoom, Stretch
Philips TV Remote app*	Apps Channels Control NowOnTV TV Guide Video On Demand
Remote Control	with Keyboard

Sound

Output power (RMS)	20W
Sound Enhancement	Incredible Surround Clear Sound Dynamic Bass Enhancement Smart Sound

Connectivity

Number of HDMI connections	4
Number of compo-nent in (YPbPr)	1
Number of USBs	3
Wireless connections	Dual Band Wi-Fi Direct Wi-Fi 11n 2x2 integrated
Other connections	Ethernet-LAN RJ-45 Digital audio out (optical) Audio L/R in Audio in (DVI) Headphone out Service connector Antenna IEC/IFC (ATV)
HDMI features	4K Audio Return Channel
EasyLink (HDMI-CEC)	Remote control pass-through System audio control System standby One touch play
HDCP 2.2	Yes on HDMI1

Multimedia Applications

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

Supported Display Resolution

Computer inputs on all HDMI	@60Hz up to 4K Ultra HD 3840x2160
Video inputs on HDMI2/3/4	@ 24, 25, 30Hz up to 4K Ultra HD 3840x2160p
Video inputs on HDMI1	@ 24, 25, 30, 50, 60Hz up to 4K Ultra HD 3840x2160p

Tuner/Reception/Transmission

Digital TV	DVB-T/T2/C
MPEG Support	MPEG2 MPEG4
Video Playback	NTSC PAL SECAM
TV Program guide*	8 day Electronic Program Guide
Signal strength indica-tion	Yes
Teletext	1000 page Hypertext

Power

Mains power	AC 110-240V 50/60Hz

Ambient temperature	5 °C to 35 °C
Annual energy consumption	98 kW·h
Standby power consumption	< 0.5 W
Off mode power consumption	< 0.5 W
Power Saving Features	Auto switch-off timer Light sensor Picture mute (for radio)

Dimensions

Box depth	131 mm
Box height	825 mm
Box width	1413 mm
Set Depth	79 mm
Set Height	726 mm
Set Width	1239 mm
Set depth (with stand)	279 mm
Set height (with stand)	773 mm
Set width (with stand)	1239 mm
Product weight	15.3 kg
Product weight (+stand)	17.8 kg
Weight incl. Packaging	24.3 kg
VESA wall mount compatible	400 x 200 mm

Accessories

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

* EPG and actual visibility (up to 8 days) is country and operator dependent.
* Android App offerings vary per country. For more details please visit your local Google Play Store.
* 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 subscripction are required. Contact your operator for more information.
* (Philips) only compatible with specific Philips player device.
* Google Cast functionality is subject to Google Cast Ready apps and devices. For more details please visit Google Cast product page.
* 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.
* Smart TV app offerings vary per TV model and country. For more details please visit: www.philips.com/smarttv.
* USB recording for digital channels only, recordings may be limited by broadcast copy protection (CI+). Country and channel restrictions may apply.
* Compatibility depends on Wifi Miracast certification & Android 4.2 or later. For more details please refer to your device documentation.

data subject to change
2016, October 2

Version: 5.5.1
EAN: 8718863005323

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