Pre-sales leaflet for United Kingdom (2019, January 26)

Ultra Slim 4K UHD LED Android TV with Ambilight 3-sided

- 139 cm (55") Ambilight TV
- 2800 Picture Performance Index
 HDR premium WCG 90%
- P5 Perfect Picture Engine

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Ultra Slim 4K UHD LED Android TV

with Ambilight 3-sided

Dive into your favourite content with the Philips 8300 NanoLED TV. Experience vibrant, lifelike colour and a sharp 4K UHD picture, even when you're facing the TV at an angle. Make movie and game nights feel more immersive with Ambilight.

Benefits

Refined design. Beautiful light.

- Ultra-slim minimalist frame with brushed aluminium finish
- Ambilight. Take the emotion beyond the screen.
- Wide colour gamut. More colours. More vibrancy.

Incredible moments

- IPS Nano Color. Rich colour. No matter where you sit.
- Philips P5 Engine. Whatever the source, always perfection.
- HDR Premium. Enhanced colour, depth, and dimension

Features

Ultra-slim minimalist frame

Android TV-all the content you love

- · Google Assistant built in. Content and more at your command
- · Google Play store and Philips app gallery. More to love.

Crisp audio

- Philips Triple Ring technology. More space for sound
- DTS HD Premium Sound. Deep bass and crystal-clear dialogue

IPS Nano Color

From movie night to the big match or gaming, IPS Nano Color technology delivers vibrant colour and a wide viewing angle. Uniform, nanometre-sized particles absorb any excess light created by the screen. Reds stay red, green





grass looks green, and blue is always blue. Even if you're facing the TV at an angle of up to 60 degrees.

P5 Perfect Picture Engine



The Philips P5 Perfect Picture Engine delivers an image 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. And motion is so smooth that you'll never lose sight of the ball, no matter how fast the play.

High Dynamic Range Premium



High Dynamic Range Premium is a new video standard. It redefines in-home entertainment through advances in our application of contrast and colour. Enjoy a sensory experience that captures the original richness and liveliness, yet accurately reflects the director's intent. The end result? Highlights with excellent brightness, richer contrast and colour and vivid details like you've never seen before.

Google Assistant built in

Control your Philips Android TV with your voice. Want to play a game, watch Netflix or find content and apps in the Google Play store? Just tell your TV. You can even command all Google Assistant-compatible smart home devices, like dimming the lights and setting the thermostat on movie night. Without leaving the sofa.

TV Content



Go beyond traditional TV programming with Google Play Store and Philips App Gallery. Experience endless movies, TV, music, apps and games online. More to love.

Triple Ring technology

With enhanced Philips Triple Ring technology, we have even more powerful speaker movement in our subwoofers. More movement means more punchso you will enjoy powerful sound even in our thin Philips TV design.

Ambilight 3-sided



With Philips Ambilight, movies and games feel more immersive. Music gets a light show. And your screen will feel bigger than it is. Intelligent LEDs around the edges of the TV cast on-screen colours onto the walls and into the room, in real time. You get perfectly tuned ambient lighting. And one more reason to love your TV.

Wide Colour Gamut

Wide Colour Gamut increases the standard colour gamut from 72% to 90%– 99%, resulting in more vivid and brilliant colours. The greenest green, the bluest blue and the reddest red, the expanded colour reproduction abilities of a 4K Ultra HD TV are closer than ever to what we see in a digital cinema.

Specifications

Please note that this is a pre-sales leaflet. The contents of this leaflet reflect the best of our knowledge per date and country mentioned above. The contents of this leaflet are subject to change without notice. Philips does not accept any liability as to the contents of this leaflet.

Ambilight		Pre-installed apps	Google Play Movies*
Ambilight Version Ambilight Features	3 sided Built-in Ambilight+hue Ambilight Music		Google Play Music* Google Search YouTube
	Game Mode	Memory size	16 GB
	Wall colour adaptive Lounge mode	Smart TV Features	
Picture/Display		User Interaction	MultiRoom Client and Server SimplyShare
Display	4K Ultra HD LED	Interactive TV	HbbTV
Diagonal screen size (inch)	55 inch	Programme	Pause TV USB Recording*
Diagonal screen size (metric)	139 cm	SmartTV apps*	Online Video Stores Open Internet Browser
Diagonal screen size (inch)	55 inch		Social TV TV on Demand
Panel resolution	3840 × 2160		YouTube
Aspect ratio	16:9	Ease of Installation	Auto detect Philips devices
Picture enhancement	Ultra Resolution		Device connection wizard
	Micro Dimming Pro		Network installation wizard
	Wide Colour Gamut 90% DCI/P3		Settings assistant wizard
	HDR Premium	Ease of Use	One-stop Smart Menu button
Pixel engine	P5 Perfect Picture Engine		On-screen User manual
Android		Firmware upgrade- able	Firmware auto upgrade wizard Firmware upgradeable via USB
OS	Android™ 8.0 (Oreo)		Online firmware upgrade

Screen Format	Basic - Fill Screen	Computer inputs on	up to 4K UHD 3840 x 2160 @60 Hz
Adjustments	Fit to Screen	HDMI 3/4	
	Advance - Shift	Video inputs on	up to 4K UHD 3840 x 2160 @60 Hz
	Zoom, Stretch	HDMI 1/2	HDR supported, HDR10/HLG
Philips TV Remote	Apps	Video inputs on	up to 4K UHD 3840 x 2160 @60 Hz
app*	Channels	HDMI 3/4	
	Control	T (D () (T	
	NowOnTV	Tuner/Reception/Transm	nission
	TV Guide	HEVC support	Yes
	Video On Demand	Digital TV	DVB-T/T2/T2-HD/C/S/S2
Remote Control	with Keyboard	MPEG Support	MPEG2
	with Voice		MPEG4
B		Video Playback	NTSC
Processing		· · · · · · · · · · · · · · · · · · ·	PAL
Processing Power	Quad Core		SECAM
8		TV Programme	8-day Electronic Programme Guide
Sound		guide*	, 5
	25.14/	Signal strength indica-	Yes
Output power (RMS)	25 W	tion	
Sound Enhancement	Smart Sound	Teletext	1000-page Hypertext
	DTS-HD Premium Sound [DTS-HD		71
	Premium Sound]	Power	
	Dolby Atmos reflective		
	DTS Studio Sound	Mains power	AC 220 - 240 V 50/60 Hz
	DTS TruSurround	Standby power	<0.3
Sound Features	Triple ring technology	consumption	
Speaker configuration	2 x 6.25 W mid-high speaker, 12.5 W	Off mode power	0.3 W
	woofer	consumption	
_		Ambient temperature	5°C to 35°C
Connectivity		Power Saving	Auto switch-off timer
Number of HDMI	4	Features	Picture mute (for radio)
connections	•		Light sensor
Number of USBs	2	Energy Label Class	A
Number of compo-	1	EU Energy Label	90 W
nents in (YPbPr)		power	
Wireless connections	Dual Band	Annual energy	132 kW h
	Wi-Fi 802.11ac 2 x 2 integrated	consumption	
Other connections	Common Interface Plus (CI+)	Mercury content	0 mg
	Digital audio out (optical)	Presence of lead	Yes*
	Antenna IEC75	_	
	Satellite Connector	Dimensions	
	Ethernet-LAN RI-45	Box width	1360 mm
	Audio L/R in	Box height	860 mm
	Headphone out	Box depth	160 mm
HDMI features	4K	Set Width	1234.8 mm
	Audio Return Channel	Set Height	713.1 mm
EasyLink (HDMI-	Remote control pass-through	Set Depth	48.3 mm
CEC)	System audio control	Set width (with	1234.8 mm
	System standby	stand)	
	One touch play	Set height (with	758.8 mm
HDCP 2.2	Yes on HDMI1	stand)	
	Yes on HDMI2	Set depth (with	251.4 mm
		stand)	
Multimedia Applications		TV stand width	517.2 mm
		distance	• • • • • •
Video Playback	Containers: AVI, MKV	VESA wall mount	300 x 200 mm
Formats	H264/MPEG-4 AVC	compatible	500 X 200 mm
	MPEG-1	Product weight	20.5 kg
	MPEG-2	Product weight	22.1 kg
	MPEG-4	(+stand)	22.1 18
	WMV9/VC1	Weight incl. Pack-	28.1 kg
	HEVC (H.265)	aging	20.1 1/5
	VP9	48118	
Subtitles Formats	.SRT	Colour & Finish	
Support	.SUB		
	.TXT	TV Front	Metallic Silver
	.SMI		
Music Playback	AAC	Accessories	
Formats	MP3	Included accessories	Remote Control
	WAV	menaded accessories	$2 \times AA$ Batteries
	WMA (v2 up to v9.2)		Power cord
_	WMA-PRO (v9 and v10)		Mini-jack to L/R cable
Picture Playback	JPEG		Mini-jack to YPbPr cable
Formats	BMP		Quick start guide
	GIF		Legal and safety brochure
	PNG		Tabletop stand
			. asterep sound
Supported Display Resol	ution		

Computer inputs on HDMI 1/2

up to 4K UHD 3840 x 2160 @60 Hz HDR supported, HDR10/HLG

* 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 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.

* Smart TV app availability varies 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 (Cl+). Country and channel restrictions may apply. * Please note that your Amazon Apps may not always be available in your country. (Currently Amazon apps works only in the UK, Germany and Austria)

* (Philips) only compatible with specific Philips player device.

* 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.

* Its functionality is subject to ChromeCast built-in apps and smart devices. For more details, please visit ChromeCast built-in product pages.

* Google Assistant built in will come as a software update for 2018 Android TVs.

* Cloud Gaming offering depends on game providers.



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