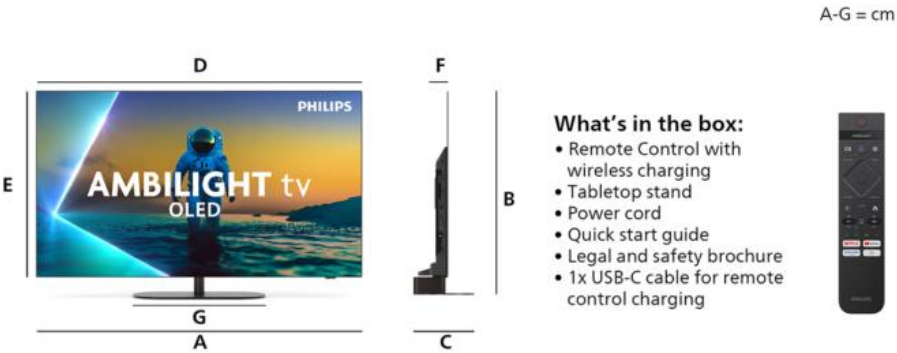


Incredible realism. Gorgeous design

- 121 cm (48") Ambilight TV
- 4K OLED. 144 Hz
- P5 AI perfect picture engine
- Dolby Vision and Dolby Atmos

OLED820	A	B	C	D	E	F	G	
48"	106,8	68,4	22,0	106,8	61,8	6,8	45,0	17,40



Specs

Ambilight

Ambilight Features:

- Ambilight Suite
- Game Mode
- Music Mode
- Wall colour adaptive

Ambilight Version: 3 sided

Picture / Display

Diagonal screen size (inch):	48 inch
Diagonal screen size (metric):	121 cm
Display	4K Ultra HD OLED
Panel Resolution	3840 x 2160p
Native refresh rate:	144 Hz
Picture engine:	P5 AI Perfect Picture Engine

	• Auto Film and Filmmaker Mode • Calman • Calman Autocal Ready and Manual Calibration • Crystal Clear • ECO • Film-maker mode • Game • Home Cinema • MEMC / FRC Embedded • Micro Dimming Perfect • Monitor • Personal • Perfect Natural Motion
Picture enhancement:	
Variable Refresh Rate	144 Hz
Display input resolution	
Resolution-Refresh rate	576p – 50 Hz, 645 x 480 – 60 Hz, 720p – 50/60 Hz, 1920 x 1080p – 24/25/30/50/ 60/100/120/144 Hz, 2560 x 1440 – 60/120/144 Hz, 3840 x 2160p – 24/25/30/50/60/100/120/144 Hz
Tuner/Reception/Transmission	
Digital TV	DVB-T/T2/T2- HD/C/S/S2
Signal strength indication	
Teletext	1000 page Hypertext
HEVC support	

SmartTV apps*	• Amazon Prime Video • Apple TV • Disney+ • Netflix* • NFT app* • YouTube
Os:	Google TV™
Memory size (Flash)*:	32 GB

Smart TV Features

Interactive TV:	HbbTV
Voice assistant*:	• RC with Mic. • Hey Google • Control4
Smart Home experience:	• MATTER • Works with Apple Home
Gaming Control Bar	Gamebar 2.0

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):	Output power: 70 Watts (RMS)
Speaker configuration:	10 W x 4 mid-high speaker, 30 W subwoofer

Codec:	• Dolby Atmos® • Dolby Digital • DTS:X
	• A.I. EQ • AI mode • AVL Mode • Clear Dialogue • Dialogue • Dolby Media Intelligence
Sound Enhancement:	• Dolby Atmos® • Entertainment • Hearing Profile • Music • Night mode • Original • Personal • Spatial Music
Headphone Features:	Dolby Atmos for Headphone
Main Speaker:	2-Way Mid + Tweeter
Woofer:	Triple Ring Balance Quad PR

Connectivity

Number of HDMI connections	4
HDMI Feature	• 4K • Audio Return Channel • One touch play
EasyLink (HDMI-CEC)	• Remote control pass-through • System audio control • System standby
Number of USBs:	2
Wireless connection:	• Wi-Fi 802.11ax, 2×2, Dual band

- Bluetooth 5.2
- Works with Apple AirPlay

HDCP 2.3: Yes on HDMI1

HDMI ARC Yes on HDMI2

- eARC on HDMI 2
- eARC/VRR/ALLM supported
- Max 48 Gbps data rate
- External setting via TV UI
- HDMI-CEC for Philips TV/SB

HDMI 2.1 Features

EasyLink 2.0

**Supported HDMI
video features**

HDMI 1/2

- HDMI 2.1 full bandwidth 48 Gbps
- up to 4K 144Hz
- AMD FreeSync Premium
- ALLM
- Dolby Vision Game
- HDMI VRR
- HGiG
- Nvidia G-Sync compatible

Gaming:

HDMI 3/4

HDMI 2.0

HDR

- Dolby Vision
- HDR10
- HDR10+ Adaptive
- HLG

EU Energy card

EPREL registration numbers 2294056

Energy class for SDR G

On mode power demand for SDR 66 kWh/1000h

Energy class for HDR G

On mode power demand for HDR 69 kWh/1000h

Off mode power consumption	N.A
Networked standby mode	2.0 W
Panel technology used	OLED
Power	
Mains power	AC 100 – 240 V 50/60 Hz
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	• 1x USB-C cable for remote control charging • Power cord • Remote Control with wireless charging • Quick start guide • Safety and Legal Leaflet • Tabletop stand
Design	
Colours of TV	Metal bezel frame
Stand design	Metal satin chrome soap bar arch stand
Dimensions	
Distance between 2 stands	450 mm
Wall-mount compatible	300 x 300 mm
TV without stand (W x H x D)	1068 x 618 x 68 mm
TV with stand (W x H x D)	1068 x 684 x 220 mm
Package carton (W x H x D)	1214 x 800 x 150 mm
Weight of TV without stand	13.8 kg
Weight of TV with stand	17.4 kg
Weight incl. packaging	20.8 kg