

# PHILIPS



4K QD MiniLED  
Display

QD MiniLED

139cm(55") 4K QD Mini-LED  
Display  
Google TV™  
Dolby Vision & Dolby Atmos



55MLED831

## No frills, still thrills.

### 4K QD MiniLED Display

Enjoy brilliant entertainment with the affordable Mini-LED smart display. Powered by Quantum Dot tech, it delivers vivid colors and sharp details for movies, sports, and more- anytime, in any light.

#### **Movies, TV shows, games. Immerse in what you love.**

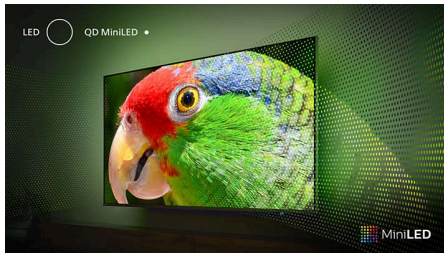
- Cinematic vision and sound. Dolby Vision and Dolby Atmos.
- AI voice control. Google Assistant
- Epic gaming. 144 Hz, ultra-low lag, VRR
- Entertainment you love, with a little help from Google.

#### **4K QD Mini-LED TV. Awesome in any light.**

- Color and contrast with HDR10 and HLG
- Whatever the source, always perfection. Philips P5 engine.
- Quantum Dot technology for incredible color and contrast

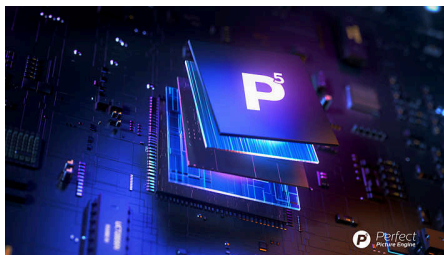
# Highlights

## Quantum Dot MiniLED



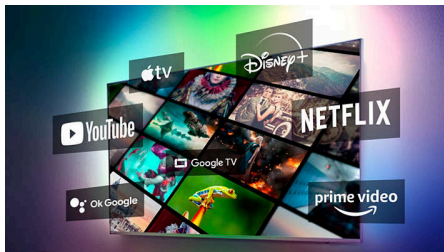
Bolder colors. Crisper whites. Deeper blacks. Quantum Dot MiniLED technology allows a bright, detailed picture with pin-sharp contrast—and you'll see more colors than ever before!

## P5 Perfect Picture Engine



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

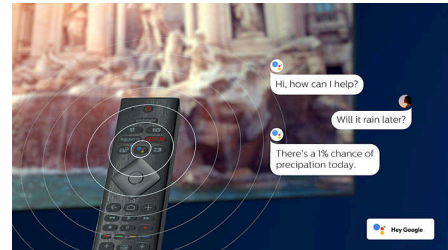
## Google TV™



What do you want to watch? Google TV brings together movies, shows, and more, from across your apps and subscriptions—and organises them

just for you. You'll get suggestions based on what you like, and you can even use the Google TV app on your phone to curate your watchlist on the go.

## AI voice control. Google Assistant



You get a choice of voice assistants! Push the Google Assistant button on your remote and you can use your voice to find movies and shows, get recommendations, control compatible smart home devices.

## Epic gaming



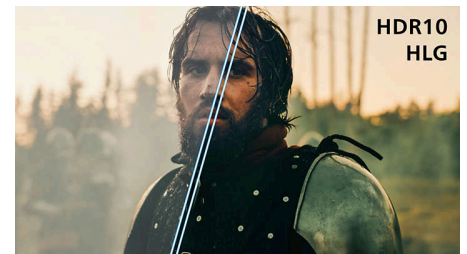
Play without limits and immerse in QD MiniLEDs incredible realism! HDMI 2.1, a blazing-fast 144 Hz native refresh rate, and ultra-low input lag bring fluid, responsive gameplay, super-smooth natural motion, and great-looking graphics. The QD MiniLEDs gaming mode brings even bigger thrills and if you're gaming on a PC, you can enjoy 144Hz VRR via HDMI.

## 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.

## HDR10/HLG



Brighter colors. Vivid tones. From the darkest scenes to the brightest light, clarity is everything. This is where high dynamic range impresses with clearer color and contrast.

# Specifications

## Picture/Display

**Display:** 4K Ultra HD QD Mini LED

**Panel resolution:** 3840x2160

**Native refresh rate:** 144 Hz

**Picture engine:** P5 Perfect Picture Engine

**Picture enhancement:** Personal, Crystal Clear, Home Cinema, ECO, Movie, Game, Monitor, Calman

## Display input resolution

**Resolution-Refresh rate:** 576p - 50Hz, 640 x 480 - 60Hz, 720p - 50/60Hz, 1920 x 1080p - 24/25/30/50/60/100/120/144Hz, 2560 x 1440 - 60/120/144Hz, 3840x2160p - 24/25/30/50/60/100/120/144Hz"

## Smart TV Features

**User Interaction:** RC Hold-To-Talk

**Voice assistant\*:** Google Assistant built-in, RC with Mic.

## 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

**Output power (RMS):** 2x10W

**Speaker configuration:** 44W

**Codec:** Dolby Atmos

**Sound Enhancement:** Night mode, Clear Dialogue, Dolby Volume Leveler, A.I. EQ, A.I. Sound

## Connectivity

**Number of HDMI connections:** 4

**HDMI features:** 4K, Audio Return Channel

**Number of USBs:** 2

**Wireless connection:** Wi-Fi 802.11ac, 2x2, Dual band, Bluetooth 5.2

**HDCP 2.2**

**HDMI eARC:** HDMI 2

**HDMI VRR:** HDMI 1&2 4K2K 40-144Hz, HDMI 3&4 4K2K 40-60Hz

**HDMI 2.1 features:** eARC/ VRR/ ALLM supported, Max 48Gbps data rate, HDMI VRR

**HDMI-CEC**

**HDCP**

## Supported HDMI video features

**Gaming:** ALLM, HDMI VRR

**HDR:** Dolby Vision, HDR10, HLG, MEMC

**HDMI:** HDMI 1/2 : HDMI 2.1 bandwidth 48Gbps, upto 4K 144Hz

## Power

**Standby power consumption:** <0.5W

**Power Saving Features:** Auto switch-off timer, Picture mute (for radio)

## Accessories

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

## Dimensions

**Set Width:** TBC mm

**Set Height:** TBC mm

**Set Depth:** TBC mm

**Product weight:** TBC kg

**Set width (with stand):** TBC mm

**Set height (with stand):** TBC mm

**Set depth (with stand):** TBC mm

**Product weight (+stand):** TBC kg

**Box width:** TBC mm

**Box height:** TBC mm

**Box depth:** TBC mm

**Weight incl. Packaging:** TBC kg

## Smart Display

**memory size (Flash):** 32GB

**OS:** Google TV™

**Smart TV app\*:** Netflix, YouTube, Amazon Prime Video, Live TV

## Smart Display Features

**Voice assistant\*:** Google Assistant built-in, RC with Mic.

- \* Android App offerings vary per country. For more details please visit your local Google Play Store.
- \* Image depicted on the website are non-contractual pictures. Please always refer to the actual TV that are sold in the retail or stores.
- \* Smart TV app availability varies per TV model and country. For more details please visit: [www.philips.com/smarttv](http://www.philips.com/smarttv).
- \* 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).
- \* 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.
- \* Disney+ subscription required. Subject to terms at <https://www.disneyplus.com> (c) 2020 Disney and its related entities. Disney+ is available in selected languages and countries.
- \* 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.
- \* Memory size (Flash) : 32GB, the actual available disc space may differ (dependent on e.g. (pre-)installed apps, installed operating system, etc.)
- \* Google TV is the name of this device's software experience and a trademark of Google LLC.
- \* Google TV is the name of this device's software experience and a trademark of Google LLC. YouTube, Ok Google and other marks are trademarks of Google LLC.
- \* Images are for illustrative purpose
- \* Image depicted on the website are non-contractual pictures. Please always refer to the actual TV that are sold in the retail or stores.

