

TCL 2019 TVs Feature Quantum Dots

Written by Frederick Douglas
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TCL details the upcoming 2019 TV range with a focus on bigger screens and high-end features such as QLED quantum dot panels and mini-LED local dimming zones for enhanced 4K performance.



On the top of the 2019 TCL range is the QLED 8-Series. It consists of two models, the 65-inch 65Q825 and 75-inch 75Q825, both featuring Quantum Contrast technology the company says offers a "significant jump" in brightness, contrast and viewing angles using mini-LEDs to create local dimming zones. The TVs handle 100% of DCI-P3 colour volume coverage, and customers can use the AiPQ Engine to optimise colour, contrast and clarity. Also included is HDR support via HDR10 and Dolby Vision.

On the audio side the TVs offer Dolby Atmos technology to create virtual surround sound through the built-in speakers, while a built-in Roku provides direct access to the streaming platform. The Roku UI even supports voice control to search and launch content and switch

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inputs.

Customers wanting a smaller set can get the 6-Series, also using premium QLED panel technology available in 55- and 65-inch sizes. On the lower end of the budget spectrom is the 5-Series, with 53-, 50-, 55- and 65-inch models based on TCL's proprietary NBP (nano band phosphor) technology.

Looking further into the future, TCL says it plans to launch 8K TVs using quantum dot and mini-LED technology on H1 2020. Previously the company was set to launch 8K TVs on H2 2019, but it hopes the delay will allow it to leverage the 2020 launch of 8K videogame consoles, as well as allow for an optimum "out-of-the-box" experience through the release of more compliance-testing specifications for 8K-capable HDMI 2.1 connections.

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