SiliconCore Signage Goes LavanderLIVE

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SiliconCore showcased a number of digital signage screens at ISE 2018, all powered using the new **ZACH driver technology**.

Also on show was the **LISA LED** in silicon array and **LavanderLIVE.**

LavanderLIVE, with a 1.2mm pixel pitch, is **a first for SiliconCore--the first rental product from the company**. Designed in collaboration with Rocket Sign, it combines the company's chip on board (CoB), CCT and ZACH technologies in a display promising low power consumption, 1200 nits brightness and HDR performance.   The 500 x 500mm cabinet offers front servicing and a range of mounting solutions, along with the opportunity to create concave structures.

ZACH (Z(Impedance) Adjustment for Colour Homogeneity) technology promises to accurately detect the impedance variations of each LED before applying adjustment compensation. The result, says the maker, is an improvement in greyscale linearity, providing greater details in shadows with a higher dynamic range and wider colour gamut.

Combined with the company's low-power **Common Cathode Technology (CCT)**, the ZACH driver allows a 4K display to achieve brightness reaching 1800 nits, with Rec.2020 colour gamut and dynamic range of over 18,000-to-one or over 14 bits.

Also on display was the latest **LISA technology** development, now removing SMD LEDs to

instead bond the individual LEDs directly to the PCB. The result reduces failure points while improving manufacture quality, as well as improve colour uniformity and reduce colour pitch. SiliconCore says the result is ideal for projects demanding high resolution and fast installation, all inside a waterproof design.

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