Universal Frames Enable Creative Design

Take your creativity where it leads you. The Opal LED modules and panel frames are developed to offer easy installation. The universal Opal modules and panel frames are designed to accommodate either a flat or curved, zero-bezel LED canvas. With solutions for wall mounting, stacking, or even hanging, the Opal LED modules can be placed in any environment to create eye-catching and immersive effects.

Flawless Display

Due to high-precision engineering and manufacturing, the mounting frame has high tolerance. XYZ axes alignment is easy and can be done without removing the LED module. This will result in perfectly aligned, seamless, and flat LED walls.
What inspires you? LED panels feed the desire to create, facilitating imaginative and extraordinary designs.

Next-gen Technology
The Opal LED platform is designed with our next generation in mind. Innovative use of new technologies, like common cathode, translates into LED displays that use up to 25% less energy and generate less heat. Using common cathode technology will result in brighter and color consistent LEDs, making the overall LED performance very stable in all conditions.

Create without Restrictions
Enabling out of the ordinary designs without customizing your LED panel time and again; that’s what inspired ROE Visual to create Opal.

Opal: The Versatile LED Platform
Opal is a versatile LED platform conceptualized to aid designers in creating out-of-the-box designs. Its adaptable design, based on 300x300 mm square LED modules, translates into various frame dimensions which can be combined like Lego blocks, creating room for artistic, immersive displays that are out of the ordinary. Opal uses just one platform that accommodates both in- and outdoor applications.

Don’t Compromise on Your Visuals
The Opal LED panel platform stands out with a staggering visual performance. Using black LEDs, the Opal LED Canvas offers high contrast ratio and a wide color gamut, delivering a high-definition viewing experience with unmatched color accuracy.