

fX Series

Mini-LOB (Lens on Board)



X Series with Mini LOB

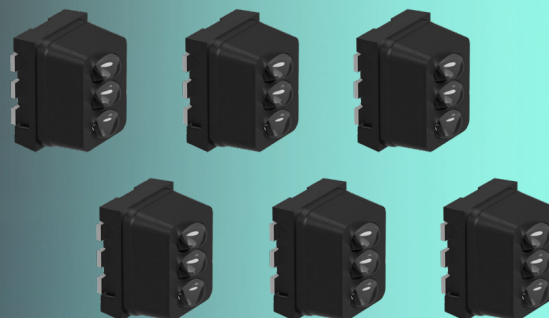
LOB Technology



10th Generation

Cutting edge technology
for outdoor LED Displays

Mini LOB Technology



Proprietary Product

Miniatur e outdoor optical lens

>50% Energy Efficient
High -Brightness



Pioneering Technology

10,000NITS Brightness
7640 Hz. Refresh rate

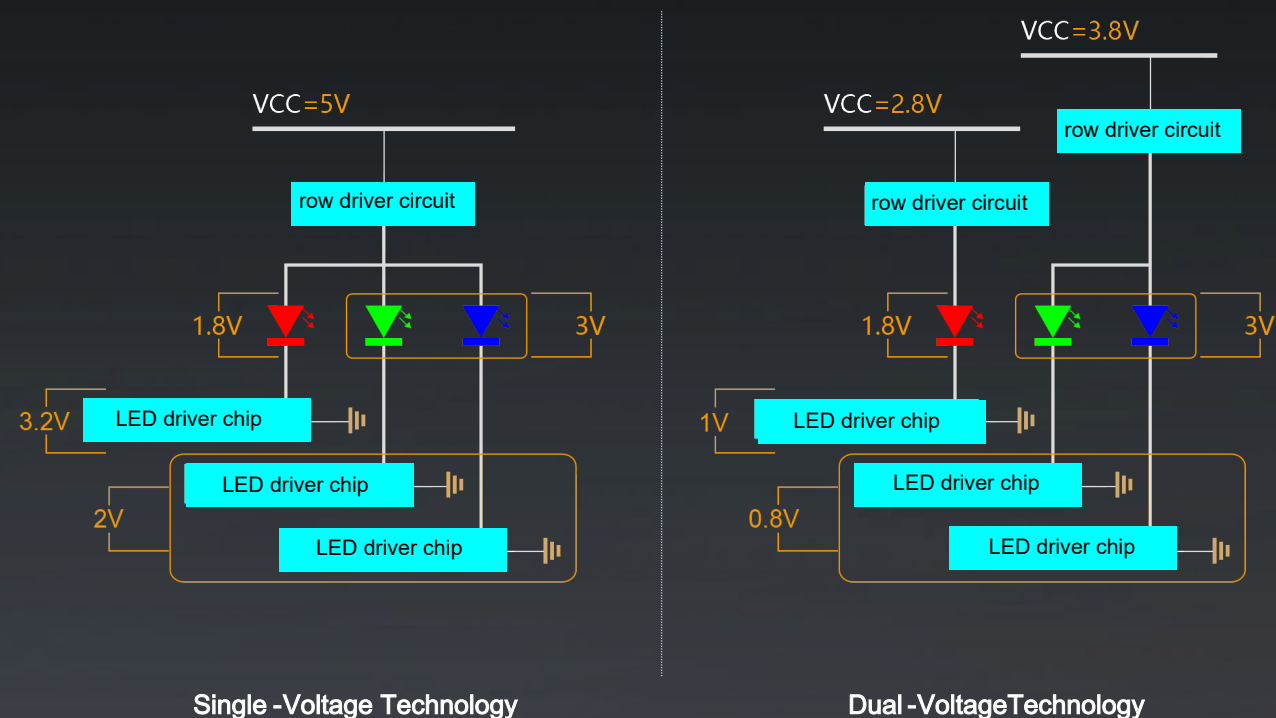
Product Features

1 Efficient power distribution of RGB LED chips saves up to 30% power consumption.

2 Reducing heat generated by the components prolongs the lifespan of displays.

3 Lower internal temperature of the driver board and stable electronic components provides better picture quality.

Dual-Voltage technology **saves 30% power** consumption compared with traditional Single Voltage technology





Why LOB technology is superior

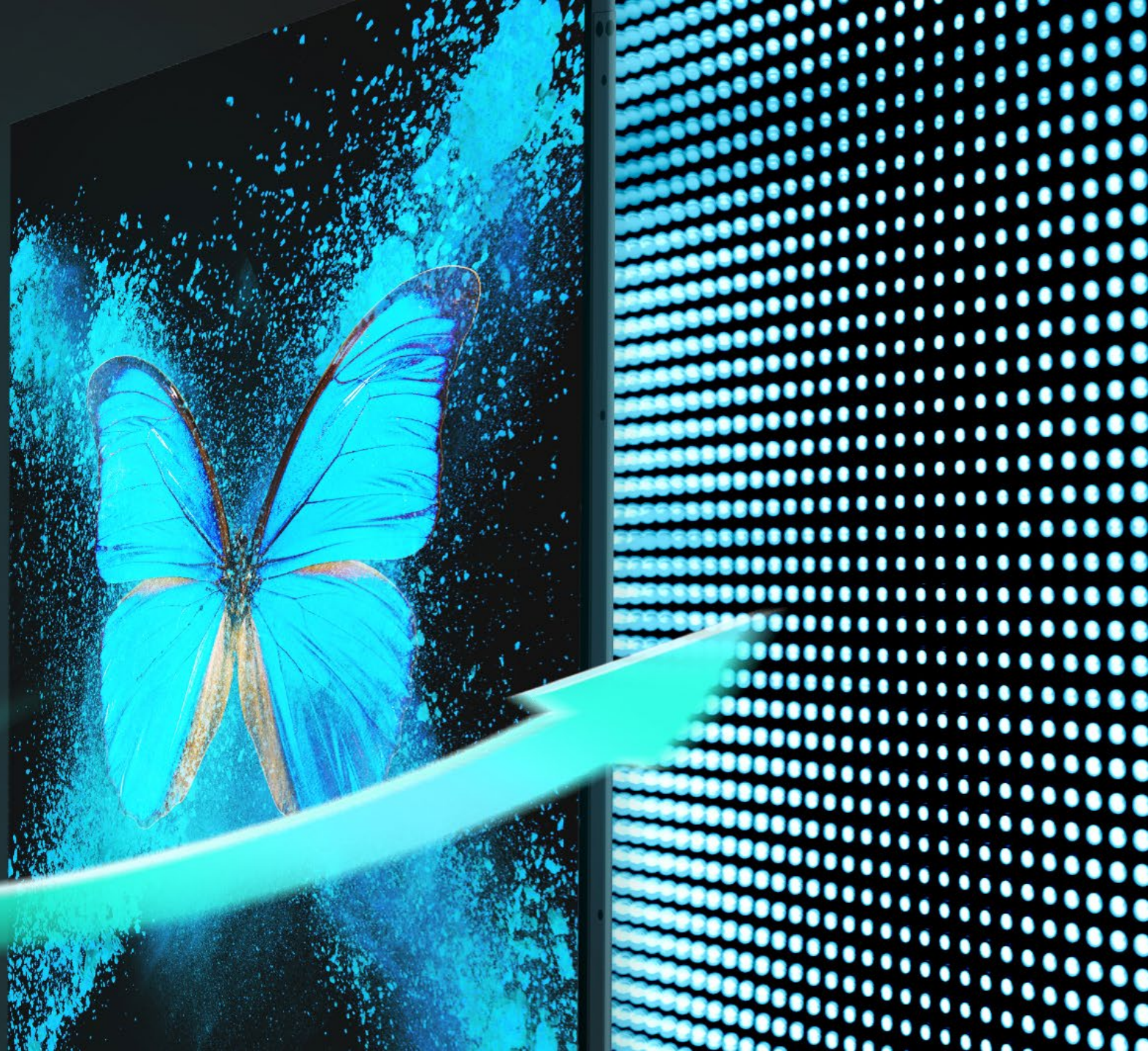
High Brightness

High Contrast

Reduction in Lamp Decay

Uses just 400 Watts* at 10,000 NITS

* Per sq. mt.



Lighter and Thinner, Easier to Install

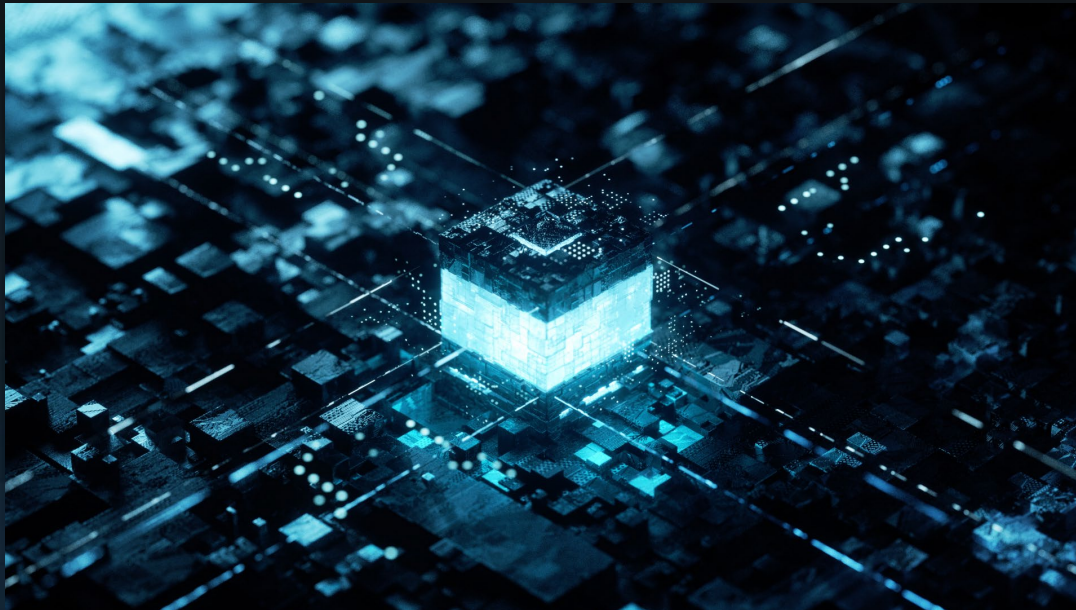
As light as **53 lbs./m²**, 65% of the weight of a normal cabinet (approx. 82 lbs/m²)

Helps reduce transportation and installation costs



Data Storage and Color Calibration

When replacing a damaged module after years of use, the smart module function in the software can automatically load the brightness, color temperature, and other parameters to match the conditions of the other modules in use. Eliminating the need to store spare modules to match a certain batch of displays



Smart Module



Module-level temperature monitoring



Module level voltage monitoring



Equipped with driver chip, achieving bad dot detection

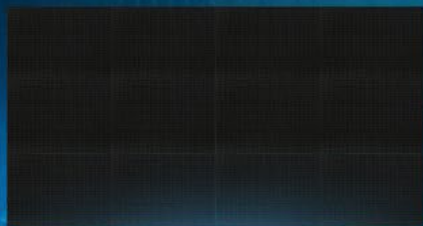


Real-time monitoring of wire rods

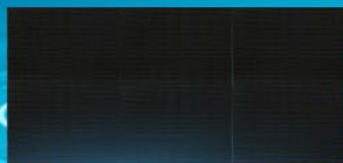
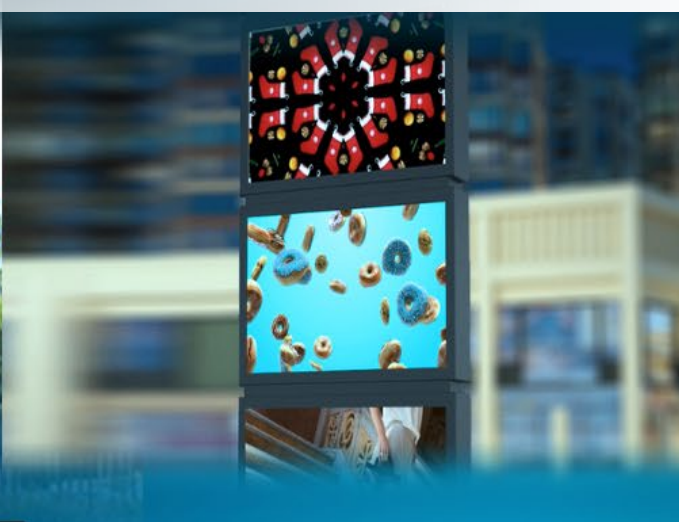


Various Installation Shapes

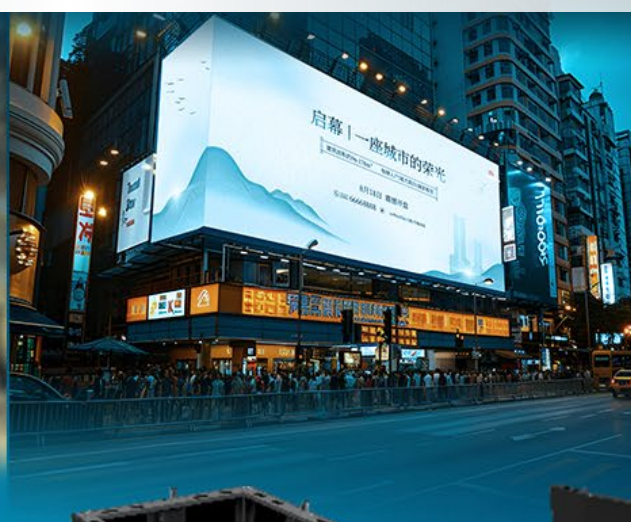
Outdoor Large format



Outdoor small format



Right-angle



Curved



Application Scenarios

