

The LED module light is intermittent

Overview

Irregular flickering often results from unstable power supply, signal interference, or poor connector contact, causing modules to receive refresh signals inconsistently. This leads to image jitter or intermittent display. LED (Light Emitting Diode) modules are the fundamental display units of an LED screen system. They typically consist of LED chips, driver integrated circuits (ICs), printed circuit boards (PCBs), connectors, power supply, and signal lines. Each module is responsible for displaying a specific pixel. For many homeowners, the flickering issue with their LED lights is caused by installing low-quality products. It can also be an issue with the transformer, the dimmer switch, or a strobing concern from a malfunctioning component. You check the cables — nothing. Understanding the underlying causes is the first.



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