OLY6D-FKC: OPTILAMP™ LEDs

- Revolutionary components that redefine display image quality, power consumption, size, weight, manufacturing complexity and maintenance
- Patented technology: onboard logic actively manages the device's output and health
- Enhanced performance and radical simplicity for the entire system

June 2026 (FS46R0)

OPTILAMP™ LEDs: ACTIVE INTELLIGENCE BUILT INTO EVERY PIXEL

Optimize Every Aspect of LED Display Performance

Display Design

- Enables thinner, lighter display designs
- Reduces labor and material costs
- Improves reliability and scalability
- Preserves the standard LED appearance

Visual Impact

- Increases brightness to support a wider range of installation types
- Delivers 24-bit color per channel for unmatched visual fidelity
- Eliminates scan lines, image tearing and other synchronization issues

Power Consumption

- Considerably reduces power usage at normal brightness levels
- Enhances efficiency and supports sustainability goals without compromising visual performance

Display Maintenance

- Monitors LED health to detect current and potential issues
- Streamlines calibration and field repairs
- Maximizes reliability, minimizes downtime and delivers consistent performance

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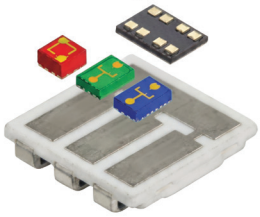
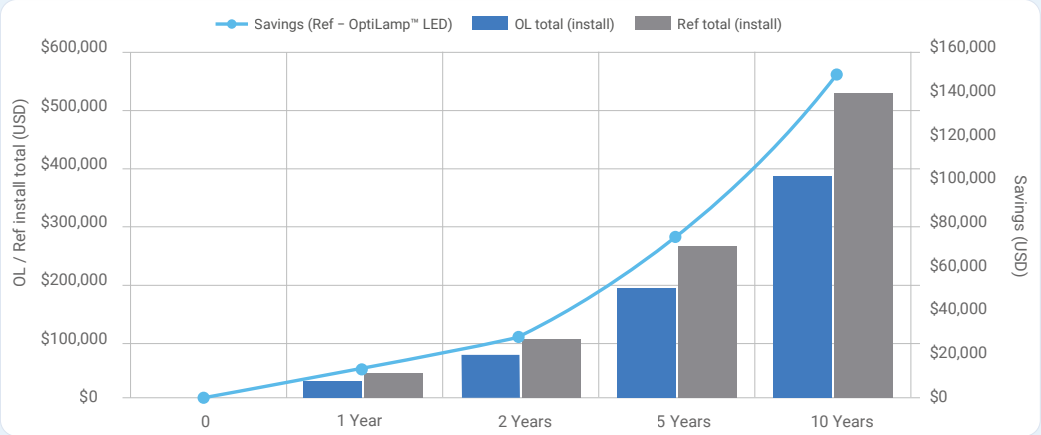
SEE WHAT'S POSSIBLE WITH OPTILAMP LEDS: CALCULATE THE POWER SAVINGS AND COMPARE COSTS

The OptiLamp LED Power Calculator App allows display manufacturers and operators to estimate energy savings, reduced operating costs and ROI by comparing OptiLamp LEDs with conventional display technologies. By modeling real-world usage conditions, it helps quantify the value of lower power consumption and improved display efficiency while maintaining high display performance.



OptiLamp™ LED vs Reference LED Total Install Cost by Year



SCAN THE CODE TO ACCESS THE OPTILAMP LED POWER CALCULATOR APP

OPTILAMP LEDs: ONBOARD INTELLIGENCE REDEFINING IMAGE QUALITY, EFFICIENCY, AND SYSTEM SIMPLICITY

Ideal Applications

- Outdoor Full-Color Video Screens
- Decorative Lighting
- Stadium Screens
- Billboard Displays
- Traffic Displays
- Message Displays
- Amusement
- Transparent Installations

SCAN THE CODE FOR PRODUCT DATA