


Illinois, The US

CASE STUDY

CANLAN LAKE BARRINGTON

Radiance Energy selected for LED upgrade for all facility levels, including exterior lighting.

CHALLENGE

Canlan Lake Barrington's facility faced excessive energy consumption and outdated lighting systems. They needed a cost-effective solution that would deliver immediate and long-term savings.

SOLUTION

Radiance Energy implemented a cutting-edge wireless lighting control system combined with high-performance LED fixtures. The upgrade provided:

- 83% energy savings (712,072 kWh annually)
- Annual savings of \$46,285
- Improved lighting aesthetics and energy efficiency

PROJECT SUMMARY

With a 3.8-year ROI, the facility is projected to achieve \$404,029 in cumulative savings over 10 years, making it a model for energy-efficient sports facilities.

