



Ontario, Canada

CASE STUDY CANLAN OSHAWA

Radiance Energy selected for LED retrofit for ice rinks, change rooms, restaurant, mechanical rooms, and hallways.

CHALLENGE

Canlan Oshawa sought to reduce operational costs while improving lighting quality for athletes and patrons. The existing lighting was energy-intensive and required frequent maintenance, leading to high costs.

SOLUTION

Radiance Energy provided a tailored LED retrofit plan featuring high-efficacy T8 LED tubes and 102,000-hour high bay lights. The solution offered:

- 76% energy savings (267,143 kWh annually)
- Annual cost savings of \$41,614
- Reduced maintenance needs and glare-free lighting

PROJECT SUMMARY

The project achieved a 3.1-year ROI with an estimated cumulative net savings of \$395,562 over 10 years. Enhanced lighting conditions improved player performance and reduced shadows on the ice, increasing customer satisfaction.

