

Case Study  
**HOTEL GEORGIA**



## CHALLENGE

Hotel Georgia, recently named the #1 hotel in Canada, was looking to increase guest satisfaction, improve aesthetics, and generate energy cost-savings through a sustainable solution enabled by LED lighting. Areas throughout the entire hotel were requiring an updated lighting solution: Guest suites, hallways, dining rooms, bars, nightclubs, banquet halls, pool and spa, lobby's, valet area, building exterior, and even maintenance and boiler rooms were all requiring a new, evenly-lit LED retrofit solution.

## SOLUTION

**Radiance Energy** was selected to improve all areas of Hotel Georgia, and provided significant cost-savings of 82% with the new and improved lighting solution. As guest experience is the utmost importance, Radiance Energy ensured work was carried out during undistruptive hours, completing the lighting retrofit of each guest suite alongside housekeeping, and lobby areas during overnight/early morning hours. Radiance Energy LED lighting solution also reduced the total lighting kWhr from 1,200,742 to 263,519 - providing a 78% reduction in lighting energy usage.

## PROJECT SUMMARY

- Savings of 82% in energy costs
- 78% reduction in energy usage
- 10 year net savings of over \$1.3 million
- Aesthetically pleasing, superior lighting environment