



Vancouver, Canada

## CASE STUDY

# KING GEORGE HUB

### CHALLENGE

King George Hub is a mixed-use development providing a variety of services within their complex: food courts, retail, shopping, parking, and offices in British Columbia, Canada, located at the northeast corner of King George Boulevard and Fraser Highway in the Surrey City Centre district.

Common areas such as the parkade and stairwell had continuous flickering and issues resulting in high level complaints to management.

### PROJECT SUMMARY

- Provided 90% savings in underground parking
- Replaced 64W with 10-15W sensor solution
- 10 year warranty and 20 year life expectancy
- Improved tenant satisfaction and wellness

### SOLUTION

Radiance Energy replaced the existing lights with an improved LED solution throughout the entire RBC Royal Centre. All 40 floors of office space now have an improved, healthier work environment, as the 64W bulbs were replaced with a 10-15W sensor solution that is flicker-free.

The 24/7 lighting required in the emergency stairwells, hallways, boiler, and maintenance rooms are receiving massive cost savings with the improved and efficient LED solution. Underground parking, previously using 410W bulbs, were replaced with a custom solution of 42W - providing over 90% in energy cost savings while improving lighting output by over 50%.

