

SASKATOON PUBLIC SCHOOL DIVISION

Saskatoon, Canada

CASE STUDY

SASKATOON PUBLIC SCHOOLS

Saskatoon Public Schools or Saskatoon S.D. No. 13 is the largest school division in Saskatchewan serving 28,924 students as of September 2024. Saskatoon Public Schools operates 47 elementary schools, one alliance school, and 10 secondary schools in Saskatoon.

CHALLENGE

The SD13 was constantly replacing their fluorescent lighting and energy costs were high. Teachers were even turning off and dimming lights as students complained about the classroom lighting. Radiance Energy conducted a detailed energy audit and analysis for schools and buildings in their district. Radiance identified lighting and energy improvements and worked diligently with their management in realizing immediate energy savings while delivering the healthiest quality of light for their students and staff.

SOLUTION

Radiance Energy replaced high-flicker and high maintenance T8 and T12 tubes with high-efficient, ultra-low flicker LED tubes, downlights and area lighting.

PROJECT SUMMARY

- 76% lighting energy cost savings after the first year
- Significant reduction in flicker to < 3%
- Optimal learning environment for students & staff

