

NXT™ SERIES: ROADWAY CASE STUDY

NEW MINAS, NOVA SCOTIA, CANADA



More than 450 NXT series luminaires were installed throughout the village of New Minas (Pop 5,135) in Kings County, Nova Scotia, Canada. The photo above depicts nine NXT-24S luminaires installed on Country Club Boulevard. This conversion is also noteworthy as it was LRL's first municipality-wide conversion using NXT luminaires. The new fixtures provide uniform light with no "uplight". In addition to improved illumination, the installation yielded energy savings of 65% versus the original installation.

LOCATION:

New Minas, Nova Scotia, Canada

PROJECT SCOPE:

Municipality wide conversion to LED luminaires

PRODUCT:

NXT series luminaires (NXT-M and NXT-S)

NXT™ SERIES vs. HIGH PRESSURE SODIUM & MERCURY VAPOR

NEW MINAS, NOVA SCOTIA, CANADA

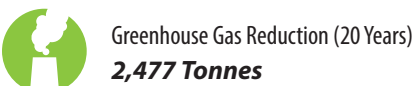
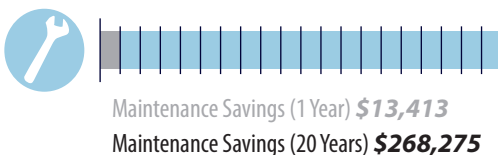
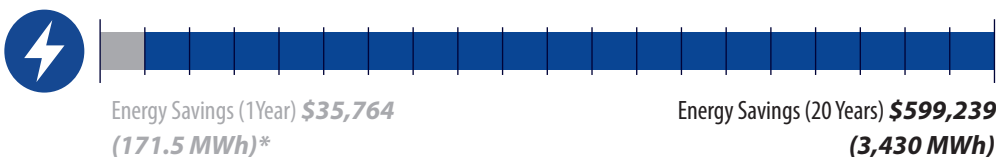


NXT SERIES BENEFITS

NXT Series luminaires are designed to allow for future, tool-less upgrades of key components (light engine and power supply). For example, light engines are easily replaced in the field to take advantage of future improvements in LED efficiency.



NXT-S Luminaire



* Asset Payback is based on capital payback of replacing 150W high pressure sodium luminaires. Re-lamp cost of \$150 per luminaire. Re-lamp schedule is 5 years. Energy cost \$0.13 per kWh. Annual energy cost increase rate (multiplier) is 3%.