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Green Workplace Consulting

Lighting Assessment

SAMPLE REPORT

NOTE: This report has been designed to provide a general idea of the detailed information that our assessments provide. Some sections have been omitted.

Sample Page from a Green Workplace Lighting Report

(NOTE: Green Workplace Lighting Assessments range from small retail spaces to multi-floor offices to complex manufacturing facilities covering tens of thousands of square feet)

RETROFIT #1

Current Product

T12 fluorescent lamps with magnetic ballast

Recommended Substitute

4' 2 lamp Energy Saver T8 with electronic ballast



Installation Cost (Parts & Labour) <small>(20 fixtures @ \$62 / fixture)</small>	\$1,241
Product Incentive Rebate (BC Hydro) <small>(\$14 per fixture)</small>	<u>-\$340</u>
Net Substitution Cost	\$901
Annual Electrical Savings	\$910
Simple Payback Time	1.0 years
Greenhouse Gas reduction	977 kg

Table 1: Upgrade T12 lamps with magnetic ballast to 4' 2 lamp Energy Saver T8 with electronic ballasts	Electrical costs of 10 fixtures	Greenhouse Gases
	(\$/yr)	(kg/yr)
Current Lighting (10 fixtures)	\$1,341	1,441
Suggested Substitute(T8 fluorescent)	\$431	463
SAVINGS	\$910	977

Substitute Product Details

T8 fluorescent lamps produce more light per watt than conventional T12 fluorescent lighting. They're also 25-35% more efficient than T12s - which translates to lower energy costs for your business. Since T8s produce less heat than T12s, less energy is required for cooling, resulting in lower air conditioning costs. T8 lamps virtually eliminate lamp flickering, reduce eyestrain, and are easy to retrofit. T8 lamps can only operate on Electronic ballasts - the above report includes the cost of purchasing and installing Electronic ballasts.