

SOLOMONS FLOORING

Solomons Flooring was looking for a new lighting solution to not only reduce the power costs but make their products more attractive. Future Sustainability measured existing light levels within the store and brought light levels up 80% from 70lux to 125lux at floor level. This same increase in lumens brought about a 65% reduction in lighting power consumption, 75% increase in life expectancy, and indirect savings on air conditioning with a reduced radiant heat.

THE SOLUTION

38	LED 18W T8 1200mm Tubes
9	LED GU10 240V Downlights
65.4%	Savings on lighting energy consumption



COST BENEFIT ANALYSIS

	EXISTING		SOLUTION	
	Fluoro Tube	Halogen Light	LED Tube	LED GU10
LIGHTING TYPES				
NUMBER OF LIGHTS	38	9	38	9
WATTAGE OF LIGHTS	45	50	18	7
WEEKLY RUNNING HOURS	52.5	52.5	52.5	52.5
ANNUAL KW HOURS	4668	1229	1867	172
ANNUAL COSTS	\$1,257	\$348	\$484	\$45
TOTAL ANNUAL COSTS	\$1,605		\$529	

TOTAL ANNUAL SAVINGS	\$1,076
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BREAK EVEN POINT (years)	2.33
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RETURN ON INVESTMENT	42.9%
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Testimonial

" We are so happy with the lighting. We were a little worried how long we would see a return for our out lay, but we have seen a 40% reduction on our power bill so we can't thank you enough for your advice and great service. I think any business would be mad not to make the change. "