

An Example of on Actual Wimpy Restaurant Lighting Audit

MONTHLY SAVING - based on present electricity tariffs

No of lamps on site	Total Present Lighting Cost	Total LED Lighting Cost	Potential Saving	% Saving
86	R 1,197.08	R 95.83	R 1,101.25	91.99

ANNUAL SAVING YEAR 1 - based on present electricity tariffs

No of lamps on site	Total Present Lighting Cost	Total LED Lighting Cost	Potential Saving
86	R 14,364.93	R 1,149.98	R 13,214.94

SAVING BASED ON LIFE OF LED'S - based on present electricity tariffs

No of lamps on site	Total Present Lighting Cost	Total LED Lighting Cost	Potential Saving
86	R 217,900.48	R 17,444.00	R 200,456.48

NOTE : * Power consumption per fluorescent tube based on energy consumption for tube and ballast/choke
 No provision has been made for maintenance, replacement of fluorescent tubes or ballasts/choke
 or starters or associated labour costs.

IMPACT ON CLIENT'S CARBON FOOTPRINT OVER LIFESPAN OF LED'S

	Present Lighting	LED Lighting	Reduction/ Savings	% Reduction
Kwh	349760.00000	10867.61200	338892.38800	96.89
Carbon Dioxide Emissions tonne	327.03148	11.73702	315.29446	96.41
2 Trees per tonne of CO ² = trees	654.0629603	23.47404192		
Total Trees	213,899.18	275.52		