Step 4: Analysis

What does the output tell me?

The program calculates the amount of light generated from each lamp type selected and then calculates the energy savings potential if an appropriate LED lamp was used to produce the same amount of light. The energy savings value is listed in the summary table. The summary table lists the estimated baseline energy use and the energy use for three types of high efficiency LED lamp / fixtures that are recommended for use in agricultural facilities. If there is a value listed in the table under the lamp type, then it would be an appropriate replacement lamp. If the value is zero, then this is not an appropriate replacement. If all the values are zero, then the lamp is already a high efficiency lamp. The maximum potential savings column selects the highest energy savings from the row and then sums the column to indicate the total potential energy savings.

Show All | Show Energy Savings in KWh | Show Energy Savings in $ | Show User Input

Estimated Annual Cost Savings in $ USD/Yr

Location	Current Fixture Type	Current Annual Cost	LED A-type Lamps	Linear LED Lamps	High Bay LED Lamps	Potential Maximum Savings
		$/yr	Cost savings per year ($)			
Shop	T-8 2-bulb x 4 ft	108	0	42	0	42
Machine Shed	Incandescent - 200W	19	15	16	0	16
yard lights	Mercury Vapor - 250W	693	0	547	555	555
Yard lights	Halogen - 500W	1155	0	958	970	970
Total Lighting Cost ($/yr)		**$1976**				

Value of "0" indicates "No Savings" or it's not a recommended replacement.

Potential Total Savings	**$1583**
Potential Percent Savings	**80%**