



**Project Analysis**  
Typical 100k sqft warehouse

Average Utility KWH Rate **0.12**

Existing Facility Fixtures						USFL Facility Solutions					
Area	Units	Lamp Fixtures	Total fixture wattage	Annual operating Hours	Annual KWH	Recommended Fixtures	Units	Total fixture Wattage	Proj. Annual KWH	Proj. KWH Saved	Proj. Annual Savings
warehouse	125	400 watt MH	56250	3,120	175,500	DLE-120	100	12000	17,222	158,278	18,993.31
<b>Total</b>	<b>125</b>				<b>175,500</b>		<b>100</b>		<b>17,222</b>	<b>158,278</b>	<b>18,993.31</b>



Additional Notes:

Assumptions made in this system design are based on data collected at site and/or information provided by customer representative.  
 Fixture totals may differ due to lighting system design change.  
 Current and projected hours may vary due to controls integration  
 Where applicable, any space that is mechanically cooled may realize an approximate additional gain of 1 ton cooling capacity for every kW of lighting load displaced.

U.S. Facilities Lighting  
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**Executive Summary**  
Typical 100k sqft warehouse

<b><u>Investment:</u></b>	
*Estimated Project Cost (Parts, Installed Labor, sales tax)	89,380
Less Projected Rebates/Incentives	-54,662
<b>Estimated Net Project Cost</b>	<b>34,718</b>
Return on investment (Years)	<b>1.57</b>
Total Cost of Ownership (10 years)	209,322

<b><u>Annual energy savings:</u></b>	
Current estimated annual energy and maintenance cost	24,185
Projected USFL Solutions annual energy and maintenance cost	2,067
<b>Projected annual energy and maintenance cost savings</b>	<b>22,118</b>

**91.5%**

<b><u>Cost of waiting: <i>Act Now Waiting Cost Money!</i></u></b>	
Cost of waiting to install USFL solutions per quarter	<b>6,046</b>
Cost of waiting to install USFL solutions per year	<b>24,185</b>
Cost of waiting to install USFL solutions over 3 years	<b>72,555</b>

Additional Notes

Maintenance savings are calculated as a result of new equipment with longer lamp and/or ballast life.  
 Rebates/Incentives are estimates only for the purposes of this proposal. Actual rebate amounts received may vary and are subject to utility program rules and conditions.  
 Final sales/use tax amounts are determined at time of invoice according to applicable State and Local law.

\* Does not include cost of permits, hazardous disposal fees or unrelated electrical if applicable

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**A REAL GREEN ENERGY PROJECT**  
Typical 100k sqft warehouse

*USFL LED solutions fixtures are rated to deliver superior performance for the lifetime of the product, producing greater lumens per watt than competitors, USFL solutions result in superior lighting from less energy. Our industry-leading solutions provide immediate positive cash flow and long term value.*

**Lifecycle Savings:**

**\*Cumulative Overall Energy Savings \$**

<b>2 years</b>	<b>44,711</b>
<b>5 Years</b>	<b>115,460</b>
<b>10 Years</b>	<b>244,039</b>



*USFL LED solutions will not only help add the green to your bottom line. These solutions will help put the green back into the planet. Lowering your companies carbon footprint reduces the impact on pollution and environmental damage.*

**Sustainability:**

<b>**Environmental Impact</b>	<b>monthly</b>	<b>annual</b>
<b>CO2 reduced (Tons)</b>	<b>1.1</b>	<b>12.92</b>
<b>Trees Saved</b>	<b>49</b>	<b>594</b>
<b>Fuel Gallons saved</b>	<b>888</b>	<b>10,651</b>
<b>Small Car removed</b>	<b>27</b>	<b>322</b>
<b>SUV's removed</b>	<b>10</b>	<b>121</b>



\*Adjusted to calculate for percentage rate increase in utility cost.

\*\* compared to existing fixtures and usage.

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