



# Wisconsin Industrial Facility of 100,000 Sq. Ft.

Spend less than \$67.7K and get more than \$476k in savings. How much is enough?

## LED Lighting System:

Light Fixtures (LED Retrofit Lamp System): 399 lamps

### Present Costs

Present Cost of Electricity at 9.6c/KW Including Maintenance Relamping, Ballasts, etc. **\$60,700.00** annually

### Lights Only

Cost of a Retrofit to State-of-the-art Solid State LED Lighting: **\$67,700.00** one-time  
expected life of 5.7 to 12 years

Savings from Reduced Electricity per year (84%+) including Maintenance, Relamping, Ballasts **\$52,700.00** annually

Federal Depreciation Grant 179D (\$.60 Lighting \$.60 Envelope) **\$120,000.00**  
State Grant Focus on Energy **\$23,000.00**  
Total Grants and Incentives **\$143,000.00**

Return on Investment = **less than one month ROI= .01 years**

Lighting America LED lamps have an expected life of 50,000 hrs. (5.71 yrs) of continuous use. Lumen levels surpass 100 LM/wt. Expected lamps at 21 Watts.

Cost: \$67,700.00 – Savings [(\$52,700 x 7.61) = \$401,000 + \$143,000] = **\$476,300 in Savings**

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Lighting America of Ohio also provides the following options similar to programs that we have offered to University of Akron and other Institutions:

- ⊕ Purchase of Lighting System
- ⊕ Leasing Option, requiring no money down, with Rebates, Grants available to Designer
- ⊕ Illumination Purchase Agreement (IPA), requiring no money down, with Rebates, Incentives and Grants available to the Designer

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Cost of a Retrofit to State-of-the-art Solid State LED Lighting: **\$67,700.00** one-time

State Grant Focus on Energy **-\$23,000.00**

Savings from Reduced Electricity per year (84%+) including **-\$52,700.00** annually

Net Out of Pocket Cost for the First Year **-\$7,000.00**

Federal Depreciation Grant 179D (\$.60 Lighting \$.60 Envelope) **-\$120,000.00**

**Net Out of Pocket cost less depreciation -\$127,000.00**

**Minimum Yearly Savings for the Next 7 Years \$52,700.00 annually**