



Induction Light Retrofit

275 w MH to 100 w ADG Eco induction

Exclusive Manufactured Solution

Tailored to Each Need

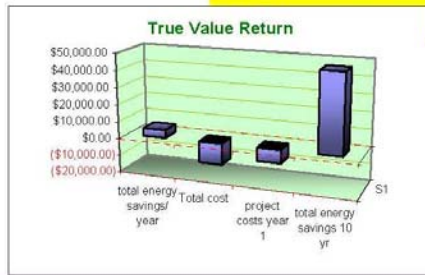
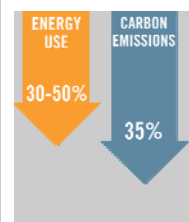
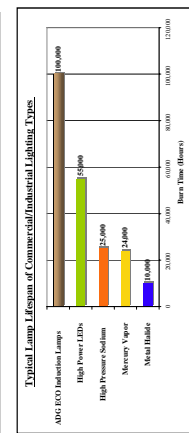




ADG Eco Lighting Products Induction Case Study 092009

Oak Park Unified School District recently won a coveted Golden Bell award for its environmental awareness. The California School Boards Assoc. chose the Oak Park district as its 2010 Golden Bell winner in the Sustainable, Renewable, Energy and Resource Efficient category.

Date: August 3, 2009		Location of Consideration: parking lot retrofit	
Explanation	Value	Item	Notes
1. Compute the total power (Kilowatts, kW) saved-	300	<<w/ ballast -Original Lamp Wattage >>	250
	105	Replacement Lamp Wattage	retrofit
	195	Watts Saved per Lamp	
use 0 value if no A/C or Outside	0	A/C Savings 1/3 of Watts Saved per Lamp	
	195	Watts Saved per Lamp Including A/C	
Energy Saving Eco Lighting Products.	46	# of Lamps to Replace	
	8,970	Total Energy Saved (Watts)	installed by school maintenance replace out
	1000	Kilowatt Conversion	
	9.0	Total Power Saved (kW)	
2. Compute the total energy (Kilowatt Hours, kWh) saved annually by performing this upgrade.	12	Hours of Use per Day	reflectors and trays may be needed
	7	Days of Use per Week	
	52	Weeks of Use per Year	
	39,181	Total Energy Saved per Year (kWh)	
3. Compute the total energy cost savings per year.	0.100	Energy Cost per Kilowatt (~ cents)	maint is much higher
	\$3,918	Total Energy Cost Savings per Year	Total Maintenance Savings/yr \$742.63
4. Simple Payback *(Energy ROI)	\$12,400	Initial Cost of Lighting Upgrade	see terms & conditions
	\$4,661	Total Energy Cost Savings per Year including Maint	
	2.66	Simple Payback (in Years)	See Net Gain . Yr ROI
5. Rate of Return (ROR)	37.6%	Rate of Return (in %)	See page 2 for full return
6. page 2 contains complete ROI information			
7. I approve this info & would like to proceed with ordering products.			
approved by (client name)			
Additional Notes:			



Case Study 092009
 64% energy Savings Nightly
 20 Years deferred Maintenance

Oak Park Unified School OPUSD Installer

