

ADG Eco Lighting Products Induction Case Study 052011



U.S. AIR FORCE



Classified Air Base ∞ Case Study 052011
Authorized Reseller GEXPRO

“The USAF did it right – they awarded the project to a real American Lighting Manufacturer.

100 Years of manufacturing history

🌐 100,000 hours of lamp life 🗨️

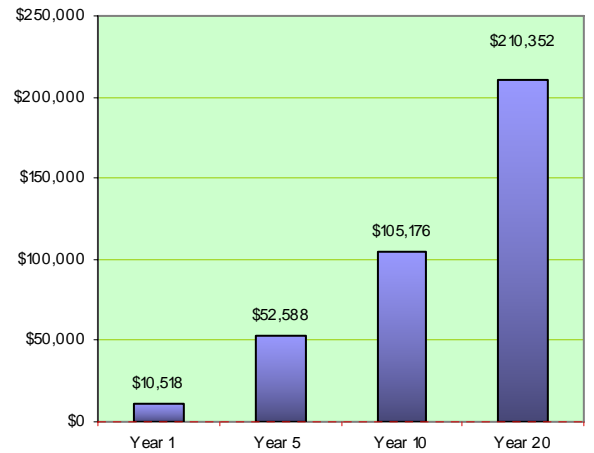


The USAF Base Replaced multiples of old metal halide lights with ADG Eco High Performance Induction Lights.

ADG created specialty units to meet the demand of a classified location - this is GEXPRO and an ADG Eco Solution.

ADG Manufactured Solutions - USAF is at a 50% savings
Close to \$256 saved per unit annually
Classified use—average kwh .12

Operation Cost Savings



1. Current Fixture Wattage	400
2. Current Fixture Wattage w/ Ballast	480
3. New Fixture Wattage w/ Ballast	155
6. Additional Watts Saved	0
7. Total Watts Saved per Fixture	325
8. # of Fixtures to Removing	50
9. # of Fixtures Installing	50
10. Total Energy Saved (Watts)	16,250
11. Total Power Saved (kW) Every Hour	16.3
12. Hours of Use per Day	12
13. Days of Use per Week	7
14. Weeks of Use per Year	52
15. Energy Saved per Month (kWh)	5,915
16. Energy Saved per Year (kWh)	70,980
17. Energy Demand Charge Per kW	0.00
18. Energy Cost per Kilowatt (.cents) *	0.120
19. Energy Cost Savings per Year	\$8,518
20. Maintenance Savings per Year	\$2,000
21. Total Savings Per Year	\$10,518



Case Study 052011 USAF
50% Energy Savings ∞ Daily 20 Years Deferred Maintenance

