

LIGHTING AUDIT REPORT

AUDIT & SAVINGS REPORT



Customer:	[REDACTED]	Bulb Type Replaced:	175 watt Metal Halide (160°)
Address:	[REDACTED]	Number of Bulbs Calculated:	567
City, State:	Bryn Mawr, PA 19010	Square Footage:	68,000
Phone:	[REDACTED]	Annual Square Foot Cost:	\$1.74
kWh Cost:	\$0.12	LED Annual Square Foot Cost:	\$0.36

***Note: Reported area all first floor and outside overhang Medal Halide bulbs only

LIGHTING REDUCTION: 79%

SAVINGS REPORT

		<u>Annual</u>	<u>Lifetime</u>
Current Cost of Lighting		\$118,470	\$675,280
<u>Projected LED Cost of Lighting</u>		<u>\$24,371</u>	<u>\$138,915</u>
Electricity Cost Savings with LEDs	79%	\$94,099	\$536,366
Additional Operating Savings:			
Bulb Replacement Cost (6.6 cycles)		\$10,531	\$60,025
Maintenance Labor Cost		\$3,400	\$19,380
(Using Average of \$.05/sqft)			
Reduced Air Conditioning Load		\$2,823	\$16,091
(Avg. of \$.03 for every dollar saved on lighting)			
Total Additional Operating Savings		\$16,754	\$95,496
Total Savings with LEDs		\$110,853	\$631,861

*Lifetime based on 50,000 hour lifespan and no increase in energy cost .

COST ANALYSIS

		<u>Payback (Months)</u>	<u>ROI</u>
Cost of LED Bulbs	\$93,380.00	10	119%
Installation (est. 20% non-prevailing wage)	\$18,676.00		
Total: Estimated Cost	\$112,056.00	12	99%

FINANCING OPTION:

	Payment	LED Savings	Net Cash Flow
36 Months @ 8%	\$3,511.43	\$7,841.60	\$4,330.17

IF FINANCED MONTHLY NET CASH FLOW \$4,330.17

OTHER POSSIBLE INCENTIVES

EPAct Federal Tax Deduction \$40,800 Based on \$0.60 per sq. ft
 *EPAct not available to everyone and requires bi-level switching

Property Value Increase \$1,108,529
 (10% Cap Rate applied to reduction in operating cost)

EcoAdvantage: CO2 Emissions Reduction 6,972,752 lbs
 (13 lbs of CO2 for every dollar of electricity saved, lifetime)

WHY ACT NOW?

Daily Cost of Waiting \$303.71 Month Cost of Waiting \$9,237.74