



Existing Lighting System Fixtures	100	Current Fixture Watts	LED Fixture Watts	LED Fixture Life Cycle Cost Savings of Owning & Operating-National Average Energy Rate is \$.10/kWh. Model Based Upon 100 Fixtures Operating 12 Hours Per Day. LED Life Cycle 50,000 Hours.						
Incandescent/Halogen				\$.085 kWh	\$.10 kWh	\$.125 kWh	\$.145 kWh	\$.165 kWh	\$.205 kWh	\$.250 kWh
60 Watt Bulb-Life Cycle Savings	60	12		\$35,479	\$40,160	\$47,947	\$54,176	\$60,405	\$72,864	\$86,881
ANNUAL \$ Savings				\$3,112	\$3,523	\$4,206	\$4,752	\$5,299	\$6,392	\$7,621
Halogen MR16-Life Cycle Savings	50	7		\$26,619	\$28,760	\$32,329	\$35,184	\$38,039	\$43,750	\$50,174
ANNUAL \$ Savings				\$2,335	\$2,523	\$2,836	\$3,086	\$3,337	\$3,838	\$4,401
65 Watt Par&R-Life Cycle Savings	65	18		\$39,764	\$44,340	\$51,594	\$58,063	\$64,163	\$76,362	\$90,086
ANNUAL \$ Savings				\$3,488	\$3,889	\$4,526	\$5,093	\$5,628	\$6,698	\$7,902
Fluorescent										
2'x4' 4 Lamp Fixture-Life Cycle Savings	156	64		\$99,033	\$107,988	\$122,913	\$134,853	\$146,792	\$170,672	\$197,536
ANNUAL \$ Savings				\$8,687	\$9,473	\$10,782	\$11,829	\$12,877	\$14,971	\$17,328
2'x2' 3 Lamp Fixture-Life Cycle Savings	60	24		\$56,524	\$60,028	\$65,868	\$70,540	\$75,212	\$84,557	\$95,069
ANNUAL \$ Savings				\$4,958	\$5,266	\$5,778	\$6,188	\$6,598	\$7,417	\$8,339
8 Foot 2 Lamp Fixture-Life Cycle Savings	172	72		\$112,973	\$122,707	\$138,929	\$151,907	\$164,885	\$190,841	\$220,042
ANNUAL \$ Savings				\$9,909.95	\$10,763.76	\$12,186.79	\$13,325.21	\$14,463.63	\$16,740.47	\$19,301.92
High Intensity Discharge	HID Sources-Mercury Vapor, Metal Halide, High Pressure Sodium & Low Pressure Sodium									
150 Watt HID-Life Cycle Savings	~185	60		\$218,395	\$230,562	\$250,840	\$267,063	\$283,285	\$315,730	\$352,231
ANNUAL \$ Savings				\$19,157	\$20,225	\$22,004	\$23,427	\$24,850	\$27,696	\$30,897
250 Watt HID-Life Cycle Savings	~312	90		\$271,897	\$293,506	\$329,520	\$358,331	\$387,142	\$444,764	\$509,589
ANNUAL \$ Savings				\$23,851	\$25,746	\$28,905	\$31,433	\$33,960	\$39,014	\$44,701
400 Watt HID-Life Cycle Savings	~500	150		\$342,498	\$376,565	\$433,344	\$478,767	\$524,190	\$615,036	\$717,237
ANNUAL \$ Savings				\$30,044	\$33,032	\$38,013	\$41,997	\$45,982	\$53,950	\$62,916
1000 Watt HID-Life Cycle Savings	~1250	450		\$602,146	\$680,014	\$809,794	\$913,618	\$1,017,442	\$1,225,090	\$1,458,694
ANNUAL \$ Savings				\$52,820	\$59,650	\$71,035	\$80,142	\$89,249	\$107,464	\$127,956
Model based upon procedures established by the Illuminating Engineering Society of North America or Industry										
Assumptions:										
4,380 or 12/7/365 Burning Hours Per Year Equales 11.4 Years LED Life Cycle.										
Industry Standard Average Rated Life Used for Traditional Products.										
Considers Bulb & Ballast Replacement Costs and HVAC Energy Savings.										
LED Fixtures Life Cycle 50,000 Hours, No Maintenance.										
LED Fixture End of Life Defined as 70% of Initial Light Output at 50,000 Hours.										
Complete custom analysis provided upon completion of LED Light Technology's Facility Survey Document.										