

Incandescent-to-LED-Relamping Energy Cost Savings Calculation

Lighting System			Present Lamp Used	LEDtronics LED Replacement
Lamp Part Number	#		250 Watt HID & Ballast	SLL003P-35X2W-XPW-005
Lamp Life (Hours)	A		8000	50000
Lamp Price	B		\$89.00	\$588.75
Lamp Wattage	C		310	96
Operating Information				
Annual Operating Hours	D			4380
Labor (Hourly Rate)	E			\$250
Rate per kWh	F			\$0.12
Total Number of Lamps	G			136
Annual System Operating Costs			Present Lamp Used	LEDtronics LED Replacement
Lamps	H		\$6,626.94	\$7,014.13
Labor	I		\$18,615.00	\$2,978.40
Electricity	J		\$22,159.30	\$6,862.23
Total	K		\$47,401.24	\$16,854.77
Estimated Savings with LEDtronics LED Lamps				
Annual Savings	L			\$30,546.47
Simple Payback	M			2.23 years
Return on Investment	N			44.94%
Energy \$ Saved Over Lamp Life	O			\$174,624.00
Savings Over Lamp Life	P			\$348,704.00

Additional Notes

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* Savings may vary depending on application, fixture and burning position. Stated wattage are approximate. Actual lamp wattage may vary depending on design and manufacturing tolerances.