

### Incandescent-to-LED-Relamping Energy Cost Savings Calculation

Lighting System			Present Lamp Used	LEDtronics LED Replacement
Lamp Part Number	#		175 Watt HPS & ballast	SLL006P-3D86-TPW-004
Lamp Life (Hours)	A		8000	50000
Lamp Price	B		\$69.00	\$558.75
Lamp Wattage	C		210	52
Operating Information				
Annual Operating Hours	D			4380
Labor (Hourly Rate)	E			\$200
Rate per kWh	F			\$0.16
Total Number of Lamps	G			175
Annual System Operating Costs			Present Lamp Used	LEDtronics LED Replacement
Lamps	H		\$6,611.06	\$8,565.64
Labor	I		\$19,162.50	\$3,066.00
Electricity	J		\$25,754.40	\$6,377.28
Total	K		\$51,527.96	\$18,008.92
Estimated Savings with LEDtronics LED Lamps				
Annual Savings	L			\$33,519.05
Simple Payback	M			2.56 years
Return on Investment	N			39.11%
Energy \$ Saved Over Lamp Life	O			\$221,200.00
Savings Over Lamp Life	P			\$382,637.50
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.