

Incandescent-to-LED-Relamping Energy Cost Savings Calculation

Lighting System		Present Lamp Used	LEDtronics LED Replacement
Lamp Part Number	#	150 Watt HID & Ballast	LED30HPS-600-SIW-002
Lamp Life (Hours)	A	8000	50000
Lamp Price	B	\$90.00	\$348.75
Lamp Wattage	C	190	27

Operating Information			
Annual Operating Hours	D		4380
Labor (Hourly Rate)	E		\$250
Rate per kWh	F		\$0.16
Total Number of Lamps	G		150

Annual System Operating Costs		Present Lamp Used	LEDtronics LED Replacement
Lamps	H	\$7,391.25	\$4,582.58
Labor	I	\$20,531.25	\$3,285.00
Electricity	J	\$19,972.80	\$2,838.24
Total	K	\$47,895.30	\$10,705.82

Estimated Savings with LEDtronics LED Lamps			
Annual Savings	L		\$37,189.49
Simple Payback	M		1.04 years
Return on Investment	N		95.82%
Energy \$ Saved Over Lamp Life	O		\$195,600.00
Savings Over Lamp Life	P		\$424,537.50

Additional Notes

Form Prepared by: Cristal Sanchez/ Ledtronics
 Phone: (310) 534-1505 Email: info@ledtronics.com Date: 7/14/2011 3:35:25 PM

* 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.