

Incandescent-to-LED-Relamping Energy Cost Savings Calculation

Lighting System		Present Lamp Used	LEDtronics LED Replacement
Lamp Part Number	#	150 Watt HID & Ballast	BSD-1928-TPW-004
Lamp Life (Hours)	A	8000	50000
Lamp Price	B	\$96.00	\$487.50
Lamp Wattage	C	115	21

Operating Information			
Annual Operating Hours	D		4380
Labor (Hourly Rate)	E		\$200
Rate per kWh	F		\$0.14
Total Number of Lamps	G		1

Annual System Operating Costs		Present Lamp Used	LEDtronics LED Replacement
Lamps	H	\$52.56	\$42.71
Labor	I	\$109.50	\$17.52
Electricity	J	\$70.52	\$12.88
Total	K	\$232.58	\$73.10

Estimated Savings with LEDtronics LED Lamps			
Annual Savings	L		\$159.48
Simple Payback	M		2.45 years
Return on Investment	N		40.73%
Energy \$ Saved Over Lamp Life	O		\$658.00
Savings Over Lamp Life	P		\$1,820.50

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.