

Incandescent-to-LED-Relamping Energy Cost Savings Calculation

Lighting System		Present Lamp Used	LEDtronics LED Replacement
Lamp Part Number	#	175 Watt MH & Ballast	WWL12-8X2W-XPW-001
Lamp Life (Hours)	A	8000	50000
Lamp Price	B	\$70.00	\$169.50
Lamp Wattage	C	95	27
Operating Information			
Annual Operating Hours	D		4015
Labor (Hourly Rate)	E		\$75
Rate per kWh	F		\$0.12
Total Number of Lamps	G		116
Annual System Operating Costs		Present Lamp Used	LEDtronics LED Replacement
Lamps	H	\$4,075.23	\$1,578.86
Labor	I	\$4,366.31	\$698.61
Electricity	J	\$5,309.44	\$1,509.00
Total	K	\$13,750.97	\$3,786.47
Estimated Savings with LEDtronics LED Lamps			
Annual Savings	L		\$9,964.51
Simple Payback	M		1.16 years
Return on Investment	N		86.33%
Energy \$ Saved Over Lamp Life	O		\$47,328.00
Savings Over Lamp Life	P		\$124,091.00

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.