

Incandescent-to-LED-Relamping Energy Cost Savings Calculation Results:
LEDtronics Incandescent Replacement LED Lamp Saving Form

Calculated Estimated Savings*

Lighting System		Present Lamp Used	LEDtronics LED Replacement Part #
Lamp Life (Hours)	A	8000	50000
Lamp Price \$	B	80	850
Lamp Wattage (Watt)	C	450	147
Lamp Part Number		400 W MH	SLL003P-70X2W-XPW-005
Annual Operating Hours	D	4380	
Labor \$ Hourly Rate	E	80	
Rate Charged for per kWh \$	F	.16	
Total Number of Lamps in Use	G	29	
Annual System Operating Costs			
Lamps (BxD÷A)G	H	\$1,270.20	\$2,159.34
Labor (ExD÷A)G	I	\$1,270.20	\$203.23
Electricity (Cx Dx Fx G)/1000	J	\$9,145.44	\$2,987.51
Total H+I+J	K	\$11,685.84	\$5,350.08
Estimated Savings with LEDtronics LED Lamps			
Annual Savings K1-K2=L	L	\$6,335.76	
Simple Payback (B2-B1)xG÷L	M	3.52 years	
Return on Investment L/[(B2-B1)xG]x100%	N	28.37%	
Energy \$ Saved Over Lamp Life (J1-J2)xA2÷D	O	\$70,296.00	
Savings Over Lamp Life LxA2÷D	P	\$72,326.00	
Additional Notes			
Form Prepared by: G.Peterson Company: LEDtronics Phone: 310 534-1505 Email: glpeterson@ledtronics.com Date: 4/1/2010 3:28:39 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.			