



The Next Generation LED T8 Tubes are available NOW!

EXISTING FLUORESCENT TUBE SYSTEM

Bulb Type	Wattage	Quantity	Hours On	Days Open	KWH Cost
Fluorescent Tube	40	1000	12	300	0.13
Yearly Lighting Operating Cost		18,720.00			
Yearly Heat Gain	BTUs	587,520,000.00	KWH	69,120.00	
Maintenance per Bulb Per Year		10.25			
Estimated actual cost for replacement is Materials (bulb) 2.75 and .25 hrs labor @ 30.00 hr Including benefits to equal 2.75 + 7.50 or 10.25					
Total Yearly Operating Cost		37,955.60			

PROPOSED LED TUBE SYSTEM

Bulb Type	Wattage	Quantity	Hours On	Days Open	KWH Cost
LED	15	1000	12	300	0.13
BULB COST	75				
Yearly Lighting Operating Cost		7,020.00			
Yearly Heat Gain	BTUs	132,192,000.00	KWH	15,552.00	
Maintenance per Bulb Per Year		0.00	NONE REQUIRED 3 YEAR WARRANTY		
		AND	13.89	Year Life expectancy	
Total Yearly Operating Cost		9,041.76		At 50% of rated bulb life	
INITIAL PAYBACK PERIOD		2.59	YEARS		
5 YEAR PROJECTED SAVINGS		144,569.20			
LIFETIME BULB SAVINGS		401,581.11	*assuming no KWH cost increase		
Bulb Is Rated at 100,000 hrs 50,000 hours was used to calculate savings					
TOTAL LIFETIME SAVINGS PER BULB		401.58			
*ASSUMING NO KWH COST INCREASE					

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