

Month	Days	Avg Dark Hours	150 watt Incandescent Bulb (kWh)	16 watt CFL Bulb (kWh)	Cost per kWh	Cost for 150w Bulb	Cost for 16w Bulb
January	31	13	60.45	6.45	0.03153	\$1.91	\$0.20
February	28	12	50.40	5.38	0.03153	\$1.59	\$0.17
March	31	10.5	48.83	5.21	0.03153	\$1.54	\$0.16
April	30	9	40.50	4.32	0.03153	\$1.28	\$0.14
May	31	8	37.20	3.97	0.03153	\$1.17	\$0.13
June	30	7.5	33.75	3.60	0.09	\$3.04	\$0.32
July	31	8	37.20	3.97	0.09	\$3.35	\$0.36
August	31	9.5	44.18	4.71	0.09	\$3.98	\$0.42
September	30	10.5	47.25	5.04	0.09	\$4.25	\$0.45
October	31	12	55.80	5.95	0.03153	\$1.76	\$0.19
November	30	12.5	56.25	6.00	0.03153	\$1.77	\$0.19
December	31	13	60.45	6.45	0.03153	\$1.91	\$0.20
Total kWh used in 1 year			572.25	61.04			

Cost to Operate the 150w Floodlight for 1 year

\$27.54

Cost to Operate the 16w Floodlight for 1 year

\$2.94

Savings of

\$24.60 per year to operate the lower wattage, CFL floodlight bulb