

Xcel Energy Analysis Report

Lincoln Park Golf Maintenance Office



Exhibit 5: Lighting details

Existing Fixture Type	Existing Fixture Wattage (Watts)	Fixture Quantity	Proposed Fixture Type	Proposed Fixture Wattage (Watts)	Annual Op. Hours	kWh Savings	Peak kW Savings	Estimated Energy Cost Savings (\$/yr)	Estimated Incentive (\$)	Estimated Project Cost (\$)	Effective Useful Life (yrs)	Simple Payback (yrs)
4-lamp 34W T12 2'x4' Troffer	144	10	DLC Qualified LED Replacement Lamp (UL Type B)	43	3,276	3,731	0.7	373	160	960	10	2.1
2-lamp 72W Halogen PAR38 Flood Front Door	144	2	ENERGY STAR Qualified LED Screw-In Lamp	43	4,380	883	0.0	88	0	22	10	0.2
2-lamp 20W CFL Flood Back Door	52	2	ENERGY STAR Qualified LED Screw-In Lamp	13	4,380	342	0.0	34	0	22	10	0.6
2-lamp 60W T12 8' Strip Fixture Shed 1	133	3	DLC Qualified LED Replacement Lamp (UL Type B)	40	1,638	457	0.1	46	48	192	10	3.1
100W HID Wall Pack	125	2	ENERGY STAR Qualified LED Screw-In Lamp	25	4,380	876	0.0	88	30	825	20	9.1
2-lamp 60W T12 8' Strip Fixture Chemical Shed	133	5	DLC Qualified LED Replacement Lamp (UL Type B)	40	1,638	762	0.2	76	80	480	10	5.2
Total		24				7,052	1.1	705	318	2,501	11	3.1