

Xcel Energy Analysis Report

Lincoln Park Maintenance Shop



Exhibit 8: 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)
2-lamp 75W T12 8' Strip Fixture	145	23	DLC Qualified LED Direct Linear Ambient Luminaires	36	780	1,951	1.7	237	345	4,278	20	16.6
2-lamp 40W T12 4' Strip Fixture	87	3	DLC Qualified LED Direct Linear Ambient Luminaires	22	780	153	0.1	19	45	462	20	22.5
1-lamp 40W T12 4' Strip Fixture	41	2	DLC Qualified LED Direct Linear Ambient Luminaires	10	780	48	0.0	6	30	308	20	47.8
100W HID Exterior Area Light	125	1	DLC Qualified LED Outdoor Area Lights	25	4,380	438	0.0	53	35	350	20	5.9
250W HID Area Light Adjacent to Ball Shed	285	1	DLC Qualified LED Outdoor Area Lights	57	4,380	999	0.0	121	35	350	20	2.6
Total		30				3,588	1.9	435	490	5,748	20	12.1