

# Xcel Energy Analysis Report

City of Grand Junction - Parks Administration



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 32W T8 4' Linear Ambient	59	30	DLC Qualified LED Direct Linear Ambient Luminaires	30	2,340	2,340	0.6	273	450	4,620	20	15.3	
2-lamp 32W T8 2'x4' Troffer	59	15	DLC Qualified LED 2'x4' Troffer Luminaires	30	2,340	1,170	0.3	136	450	2,520	20	15.2	
250W HID Exterior Area Light	285	3	DLC Qualified LED Mogul Screw-Based Replacement Lamps	57	4,380	2,996	0.0	349	0	606	10	1.7	
<b>Total</b>		<b>48</b>					<b>6,506</b>	<b>0.9</b>	<b>759</b>	<b>900</b>	<b>7,746</b>	<b>15</b>	<b>9.0</b>