

Xcel Energy Analysis Report

City of Grand Junction – Building 1 Traffic 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 95W T12 8' Strip Fixture	216	8	DLC Qualified LED Replacement Lamp (UL Type B)	54	2,080	2,696	0.9	275	64	192	10	0.5	
250W HID Area Light	285	1	DLC Qualified LED Mogul Screw-Based Replacement Lamps	57	4,380	999	0.0	102	0	202	10	2.0	
Total		9					3,694	0.9	376	64	394	10	0.9