

# Xcel Energy Analysis Report

Lincoln Park Golf Clubhouse



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)
1-lamp 40W T12 4' Exterior Score Board Light	41	4	DLC Qualified LED Direct Linear Ambient Luminaires	10	728	90	0.0	10	0	616	20	61.9
250W HID Exterior Area Light	285	4	DLC Qualified LED Outdoor Area Lights	57	4,380	3,995	0.0	444	140	1,400	20	2.8
2-lamp 32W CFL Exterior Wall Pack	84	2	DLC Qualified LED Wall Pack Fixture	42	4,380	368	0.0	41	60	440	20	9.3
2-lamp 34W T12 4' Cart Barn & Storeroom	84	13	DLC Qualified LED Replacement Lamp (UL Type B)	21	2,470	2,023	0.6	225	104	624	10	2.3
4-lamp 32W T8 2'x4' Troffer	117	2	DLC Qualified LED Replacement Lamp (UL Type B)	59	2,470	289	0.1	32	32	192	10	5.0
2-lamp 32W T8 4' Strip Fixture	59	12	DLC Qualified LED Replacement Lamp (UL Type B)	30	2,470	874	0.2	97	96	576	10	4.9
<b>Total</b>		<b>37</b>				<b>7,638</b>	<b>0.9</b>	<b>849</b>	<b>432</b>	<b>3,848</b>	<b>16</b>	<b>4.0</b>