

RMC Health



LED Recessed Troffer Project

The Challenge

RMC Health provides vital professional development for educators, professionals, and the community. The facility had outdated T12 fluorescent technology, which didn't provide adequate light levels. These T12's also flickered, were hard to maintain, and consumed too much energy.

The Solution

Utilizing brand new LED troffers provided the combination of high efficiency, high CRI (90+), extended life (10 Year Warranty), and favorable rebates from Xcel Energy to provide the optimal solution.

Green Impact

RMC Health will achieve an estimated 77% reduction in Greenhouse Gas Emissions by implementing this Lighting Efficiency



Planting 8 Acres of Trees



Reducing GHG Emissions by 93,781 Lbs.



Removing 12 Cars from the Road



Annual Energy Savings: \$4,280

RMC Health will achieve a 77% reduction in annual energy costs. Focusing on their longest running and highest wattage fixtures first helped provide maximum energy savings.



Annual Displaced Energy: 61,144 kWh

Existing 4 Lamp T12 fixtures combined with long operating hours amplify the energy savings for RMC Health.



Xcel Energy Rebate: \$8,710

Utilizing the custom rebate program from Xcel Energy, RMC Health received maximum rebates for this project. RMC also took advantage of the 30% end of the year rebate bonus.



BEFORE



AFTER