

Rodeo Arena



LED High/Low Bay Lighting

The Challenge




Owner Glenn Stuckey was set on using inefficient light fixtures for his new Colorado arena. Despite having endured the high maintenance and energy costs associated with 400W high pressure sodium (HPS) fixtures at his Kansas based arena, the lower upfront cost incentivized Glenn's decision. Following a meeting with our sales representative, Glenn determined that new LED fixtures would benefit his business by reducing overhead and dramatically improving the quality of his arena lighting.

The Solution

A total of fifty 185W LED high bays from Litetronics were installed providing a clean, crisp 4000K color temperature while simultaneously eliminating all "dark spots" to ensure rider safety in the arena. The energy reduction over time will be as much as 55-70% less energy usage than traditional 400W HPS lighting and will last up to 10 times longer while alleviating almost all maintenance issues. The rodeo arena is preparing to host its first rodeo event expecting top 10 ranked riders to show up and they certainly will be lit up for their first ride!

Green Impact

The rodeo arena in Limon will achieve an estimated 55% reduction in Greenhouse Gas Emissions by implementing this Lighting Efficiency Project.

-  Planting 11 acres of trees
-  Reducing GHG Emissions by 131,733 lbs
-  Removing 16 cars from the road

Mountain View Electric Association Energy Rebates

MVEA granted the owner Glenn Stuckey the maximum new construction rebate totaling \$11,000 towards the cost of the materials.

