



# Dairy Farm - Central Valley, CA

## The Situation

The market for farm lights is a rapidly growing sector, and Altech is committed to leading these efforts. LED Lighting is becoming key to agricultural operations as they can contribute to the productivity of the farm. Adjusting the color temperature is known to influence milk production of cows because of the lights' ability to emulate day time. Altech's LED UFO Waterproof High Bay were the perfect solution to both withstand the abnormal conditions of the farm and effectively illuminate the area.

## The Solution

With 150 400W MH High Bays already in place, Altech Electronics supplied this Dairy Farm in the Central Valley with our 150 Watt LED UFO Waterproof High Bay to replace the existing ones. The rated 100,000-hour lifespan and superior lumen efficacy of our lights (130 lm/W) provided a significant improvement in both sustainability and performance.

Furthermore, with the sizable reduction in wattage used from the switch to energy-efficient LEDs, the barn can expect to see over \$30,000 in annual energy savings on utility costs.

## LED Fixtures Used



Altech Electronics Waterproof UFO High Bays

## Operating Impact

**\$30,000 + Annual Cost Savings**

## Environmental Impact

Energy Saved is equivalent to carbon dioxide emissions from over 150,000 pounds of coal burned.

