

# PROJECT CASE STUDY

## White Sands Missile Range

### ENVOCORE SOLUTIONS

- Performed lighting retrofits or upgrades to over 9000 fixtures with the addition of new LED lamps or T5HO fixtures
- The LED retrofit replaced existing T8 and T12 fluorescent tubes with high quality, mercury free, and more energy efficient lamp, while providing a lifetime rating of 50,000 hours and 5 year warranty.
- Occupancy and dimming controls were installed in those areas where additional savings opportunities would benefit the project, based on usage and application.

### BY THE NUMBERS



**\$115,000**

ENERGY SAVINGS  
ANNUALLY



**9000+**

FIXTURES REPLACED  
OR RETROFITTED

### PROJECT BACKGROUND

Although energy rates were low, White Sands Missile Range, through the assistance of a Performance Contract from a large National Energy Service Company, elected to upgrade their lighting to more energy efficient technologies. Due to the type of environment that existed at WSMR, scheduling and security challenges were a part of both the design and installation phases; however, the project goal was to provide an energy efficient Lighting project utilizing the latest in lighting technologies.

### ABOUT WSMR

WSMR is a multi-service test range whose main function is the support of missile development and test programs for the Army, Navy, Air Force, National Aeronautics and Space Administration (NASA), other government agencies and private industry.

[www.wsmr.army.mil/Pages/home.aspx](http://www.wsmr.army.mil/Pages/home.aspx)