

# Case Study

## Lighting Upgrade - LSI XAS3 LED 98 Watt



### The Courses at Andrews Air Force Base, Andrews AFB, MD

In a joint effort by two veteran led companies, LSI Industries Inc. and MCB Electrical assisted in reducing energy consumption at The Courses at Andrews Air Force Base – the highly acclaimed Presidential golf course. The base elected to upgrade their existing 150 watt (190 total watts) High Pressure Sodium parking lot lights with 98 watt LED fixtures from LSI Industries. Retrofitting to the LED fixtures not only resulted in a dramatic reduction in energy usage, it also affected the overall lighting on the site. With the LSI LED fixtures the base recognized more light, with uniform distribution and cutoff. The clean, white light from the LEDs also improved the overall seeability across the lot. Finally, with the LED fixtures, virtually no maintenance is required. The improved lighting performance coupled with the reduced energy and maintenance costs made this upgrade worthwhile.

**Products Used:** XAS3 (63 LEDs, Type FT reflector) on 24' poles

**Results:** Dramatically improved visibility  
A striking improvement in lighting performance – a 35% increase in illumination  
48% annual energy reduction (savings)

