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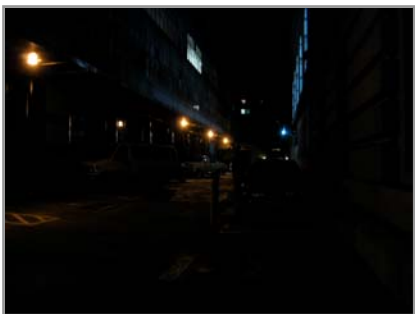
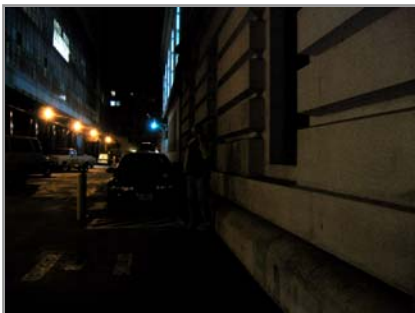
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## Case Study Federal Buildings- San Francisco



**This project covers the access between two federal buildings on Sansome Street in Downtown San Francisco. The area is used for government parking of Homeland Security and loading, unloading, and transfer of federal prisoners associated with security to our nation.**

**This area had been using High Pressure Sodium, creating an orange colored glow with glare at the source, but very little useable light. The fixtures were using 1.2 amps of power each, and required constant maintenance with short lamp life. Due to the critical nature of the work performed, light and security are a high priority.**



**The photos above show HPS lighting in this area before up-grade to Magnaray® HIF fixtures.**



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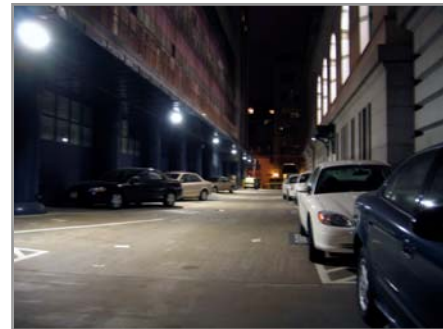
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## Case Study

# After Up-grade Homeland Security San Francisco

Fixtures were up-graded from high pressure sodium (1.2 Amp/unit) fixtures to our Magnaray® #W1PL50 (.5 amp/unit) fixtures for energy savings of 55+%. While energy reduction is always a goal, the main objective here was to provide security for the officers and employees of the Homeland Security and other government agencies, which use this area constantly.

The main goal of increased security was met with a 400+% increase in useable light, while our secondary goal of energy reduction was accomplished with 55+% savings.



**Photos after change-out to Magnaray® HIF 50 watt units.**

*Saving Energy and the Environment Since 1964*

"Quality is never an accident; it is always the result of high intention, sincere effort, intelligent direction and skillful execution; it represents the wise choice of many."