

## **Exterior Area Lighting. FAC: 8122**

CATCODE: 812926

OPR: AFCEC/COS

OCR: AFSC/SEW

**1.1. Description.** This category code applies to street lighting, apron floodlighting, aircraft alert apron safety lighting, and security lighting.

**1.1.1. Street Lighting.** The required lighting is determined by the amount of pedestrian and vehicular traffic or the hazard involved. Estimates are based on linear feet of cable or wire, number of standards or poles, transformers, luminaries, and necessary connection.

**1.1.2. Apron Flood Lighting.** For each mission the amount of apron space, or number of aircraft positions, requiring floodlights is limited to the amount or number that receive active use during normal night time operations. Individually justify the requirements for each apron space, area, or aircraft position. Design guidance on apron floodlighting is given in AFMAN 32-1076.

**1.1.3. Aircraft Alert Apron Safety Lighting.** Safety lighting is necessary at alert aircraft parking areas (aprons and stubs) to ensure safe movement of taxiing aircraft during an alert aircraft response. The lighting fixtures are installed and focused to illuminate taxi streams in the center of the alert aircraft parking areas. The fixtures are also directed toward nearby areas where traffic intersects during an alert aircraft response.

**1.2. Requirements Determination.** Contact OPR for latest requirements and guidance.

**1.3. Scope Determination.** See UFC 3-550-01.

**1.4. Dimensions.** Contact OPR for latest requirements and guidance.

**1.5. Design Considerations.** Contact OPR for latest requirements and guidance.