



## SPECIFICATIONS

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### **CASE:**

Heavy Duty Heat Treated Cast Aluminum

### **LENS:**

Ultra Strong UV Resistant Polycarbonate

### **LAMPS:**

LED Floodlamps ~ 60 Watts  
Obstruction or Perimeter LED Lamp ~ 7 Watt

### **LENS GUARD:**

Heavy Duty Heat Treated Cast Aluminum

### **POWER:**

90-300 VAC, 50-60 Hz

### **DIMENSIONS:**

Height: 9.5 Inches  
Width: 19 Inches  
Length: 19 Inches  
Weight: 41 Pounds

### **FINISH:**

Polyester Powder Coating, Orange

**Heliports within the U.S.: Care should be taken to place floodlights clear of the TLOF, the FATO, the safety area, the approach/departure surfaces, and any required transitional surfaces.**

## MODEL 702 LED

### **LED Surface Floodlight with Flushlight**

#### **Additional part of the model 700 LED Series**

#### **Improvements with LED Lamps**

The LED Floodlamps and perimeter lamp are designed to last at least 50,000 hours which reduces maintenance. Savings on maintenance will be approximately \$238 per year which includes bulbs and labor. It consumes 67Wh which reduces the power consumption by a factor of five. In two years, the electrical bill can be reduced by \$240 (will vary depending on usage and actual cost per kWh).

#### **With the Surface Floodlighting System, the pilot will see a lighted stage**

When the pilot begins his descent from about 4,000 feet away, he will actually SEE the center of the pad, not just a dim green outline that he would get if only perimeter lights were used. Perimeter lights are only marginally visible at that distance.

#### **Surface Floodlights provide reflected light for added visibility**

The Surface Floodlight is specially designed for helicopter landings and reflects the surface, whether it is plain concrete or painted with reflectorized paint. Perimeter lights alone do not reflect the surface of the pad. There are two high intensity LED floodlights, each having a very wide horizontal and very narrow vertical beam spread that are adjacently mounted in one fixture so that their combined beams are projected over a 75° broad path across the surface of the heliport. The floodlight with flushlight is installed slightly above the surface level, equally spaced around the heliport. Uniform lighting is achieved for landing and loading activities.

#### **Floodlighting without glare**

Floodlights fully illuminate the landing area uniformly and provide excellent depth perception. The low vertical beam, combined with a new cover extension design that prevents blinding of the pilot and crew. The LED lamps cannot be seen, even when standing in the center of the pad (proper aiming of the floodlights is necessary).

#### **Double Duty Fixture - Two lights in one.**

The Surface Floodlight, model 702 not only illuminates the center of the pad, but also has an omnidirectional green LED perimeter light in its cover to outline the pad, eliminating the cost of that light fixture. A three spoke guard protects the flushlight lens.

#### **All lights in one circuit**

Inexpensively wired, (with all lights in one circuit) it is possible to add or subtract floodlights where indicated and the utmost in flexibility is achieved. Input voltage may be 90 to 300VAC, 50-60Hz.