



SPECIFICATIONS

CASE:

Heavy Cast Aluminum

LENS:

Heat Resistant Lexan Lens

LAMPS:

LED Floodlamps ~ 30 Watts Obstruction or Perimeter LED lamp ~ 2.2 Watts

LENS GUARD:

Heavy Cast Aluminum

POWER:

90-300 VAC, 50-60 Hz

DIMENSIONS:

Height: 10 Inches

Width: 12 Inches

Length: 18 Inches

Weight: 24 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 500

LED Single Surface Floodlight with Perimeter Light

Improvement with LED lamp

The LED Floodlamp and perimeter lamp are designed to last at least 50,000 hours which reduces maintenance. Savings on maintenance will be approximately \$138 per year which includes bulbs and labor. It consumes 33Wh which reduces the power consumption by a factor of five. In two years, the electrical bill can be reduced by \$140 (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 SINGLE 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 is a single high intensity LED floodlight, having a very wide horizontal and very narrow vertical beam spread across the surface of the heliport. In combination with the dual surface floodlight, uniform lighting is achieved for landing and loading activities.

Floodlighting without glare

Floodlight 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 lamp 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 SingleSurface Floodlight, model 500 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.

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, 50-60H