



MODEL 700

Heliport Surface Floodlight with Perimeter Light

With the Surface Floodlighting System, when the pilot begins his descent from about 4000 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.

SPECIFICATIONS

CASE:

Heavy Cast Aluminum

LENS:

Heat Resistant Glass

LAMPS:

Floodlamps ~ Par 46, 150 Watt
Sealed Beam

LENS GUARD:

Stainless Steel

POWER:

120 VAC, or other

DIMENSIONS:

Height: 13 Inches

Width: 19 Inches

Length: 19 Inches

Weight: 38 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.

Surface floodlights provide reflected light for added visibility

The SURFACE FLOODLIGHT is specially designed for helicopter landings and reflect 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 sealed beam 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 100° broad path across the surface of the heliport. The floodlight with obstruction light is installed 4 feet above the surface level, on both sides of the heliport immediately outside the safety area (see Floodlight Lighting Layout). 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 an extension visor, eliminates any glare. The lamp filaments cannot be seen, even when standing in the center of the pad. The surface Floodlight, model 700 not only illuminates the center of the pad, but also has an omnidirectional red obstruction light in its cover, eliminating the cost of an additional fixture. A stainless wire guard protects the obstruction 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, Power may be 120 VAC or 220 VAC.

The SURFACE FLOODLIGHT is housed in a weathertight, machined aluminum casting to withstand hard use. It has a low profile, being only 13 inches high, 18 inches wide and 19 inches long, with three extension tabs to permit bolting to a concrete slab or a metal plate, for easy installation. It is finished in orange thermosetting powder coating polyester for maximum resistance to corrosion.