

New LED Products



Surface Floodlight
MODEL 700 LED

Surface Floodlight
MODEL 702 LED

Perimeter Light
MODEL 1000 LED

Recessed Flushlight
MODEL 1601 LED

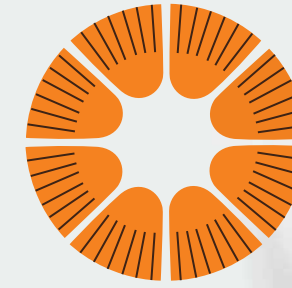


1000 LED Bulb
(24V, 2.2 Watts)

1601 LED Bulb
(120V, 2.8 Watts)

Surface Floodlight
MODEL 500S LED
with Snoot

Surface Floodlight
MODEL 702S LED
with Snoot



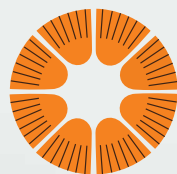
Downing Heliport Systems

For more information, give us a call or visit our website.

www.downingheliport.com

818.883.5024

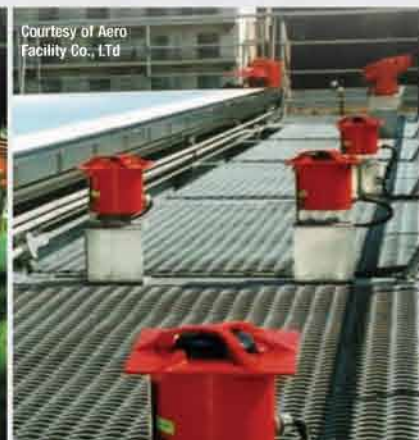
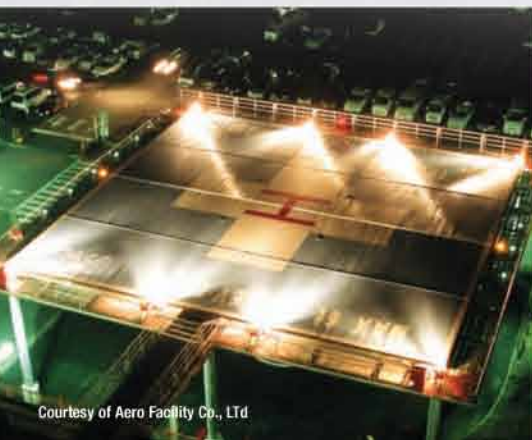
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The most comprehensive and innovative heliport lighting system in the world.



Courtesy of Aero Facility Co., LTD

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Courtesy of ATG Ingenieros, S.A. de C.V.

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The Downing Heliport Lighting System

Downing Heliport Systems was established in 1975 as the sole provider of heliport lighting. Downing's founder, James R. Downing, set out to change the industry by developing an approved lighting system that would allow safe landings at night. Developing and manufacturing this new type of heliport floodlight and his visionary thinking led the way for many helicopter operators to expand their programs into a 24/7 business.

Today, over 1600 heliports worldwide are equipped with Downing Heliport Lighting Systems. Our commitment to designing and manufacturing a durable, high quality product with meticulous attention to detail has lead DHS to become the industry standard. We work closely with pilots, architects and contractors to help design the safest, most cost effective heliport available. Our products meet and exceed aviation standards of the recognized authorities world wide.

The SYSTEM APPROACH was derived from the fact that *all* aircraft, whether fixed wing or helicopter, once airborne, must have a place to land. Fixed wing aircraft require large airports with long runways, taxiways, aprons, control towers and hangars. All airport lighting systems are integrated and involve hundreds of different lighting fixtures, each type being important to the whole system.

Helicopters increasingly have to land at night, and they also need an integrated system, but their landing requirements are different. They land at slow speeds and at steep angles of descent, then stop and hover before landing. The pilot must see the ground with good depth perception in order to land safely. This means that helicopters require an *entirely different* and *properly designed* heliport lighting system.

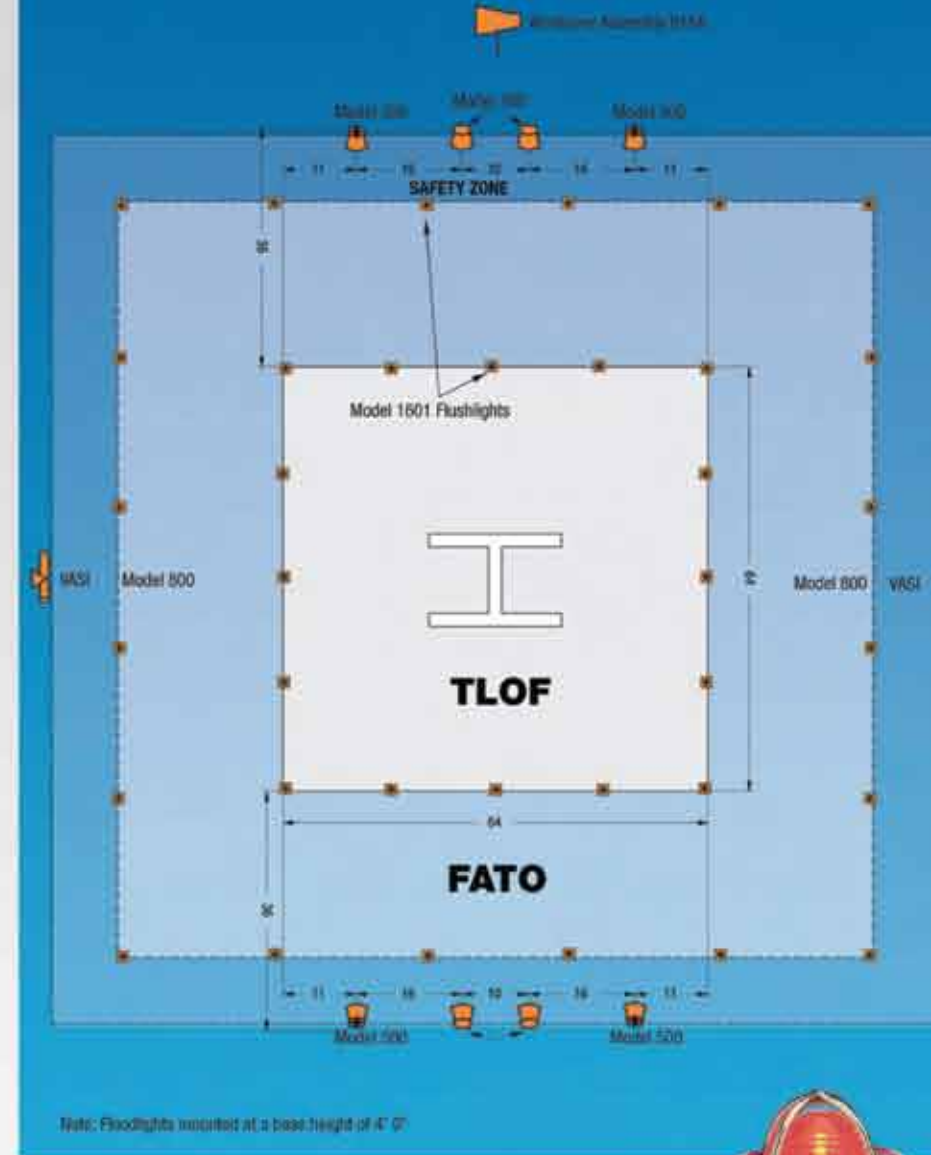
The Downing Heliport Lighting System is a complete, comprehensive, coordinated, and Innovative lighting system, specially designed with the helicopter operator in mind.

All of the visual aids in the Downing Heliport Lighting System work independently and together to make landing a helicopter at night as safe as landing it in the daylight. **All of your heliport needs – from a single source.**

- Surface Floodlight:**
Model 500, 700, 701, 702
Snoot Optional / LED Optional
Uniformly illuminates pad without glare.
- Perimeter Light:**
Model 1000
LED Optional
Outlines the heliport landing area
- Recessed Flushlight:**
Model 1601
LED Optional
Threshold Lighting & Directional Lighting.
- Directional Arrow:**
Model 1100
Snoot Optional / LED Optional
Illuminates the preferred landing directional arrow.
- VASI:**
Model 800
Visual Approach Slope Indicator.
- Super Bright Locating Beacon:**
Model 1701, 1800
Single Color or 3-Color Pulsing Beacon.
- Obstruction Lighting:**
OB21, OB22
Red light to mark the edge of buildings.
- Radio Receiver Controller:**
Model 1200
A remote lighting controller so the pilot can turn on/off the lights.
- Windcone Assembly:**
WC-WC818-10
WC-WC818-16
Rooftop or Ground model used for indicating the direction and velocity of the wind.

Lighting Diagram Example for a Large Heliport

Floodlights located outside the Safety Area



Example lighting diagram showing floodlights placed outside the safety area boundary at a 4 foot elevation. This configuration provides greater illumination and better uniformity than placement adjacent to the TLOF boundary. The improved hood design of Model 700 Series blocks visibility of the floodlamps as seen from two or more feet above the TLOF surface within the TLOF area. This makes night time ingress and egress to and from the helicopter much more comfortable.

Portable Heliport Lighting System

A Set of **Portable Heliport Lights**, complete with Surface Floodlights, Perimeter Lights, a VASI, and a Locating Beacon are packaged in a steel dolly type of portable carrying rack. It contains all of the connecting electrical wiring, connectors and junction boxes needed to complete one electrical circuit for the system. It is powered by a small gasoline generator and it is assemble able in about 1/2 hour. It weighs about 250 pounds and can be transported either by sling or inside the helicopter.



Windcone Assembly



Surface Floodlight
MODEL 701



Surface Floodlight
MODEL 702



Surface Floodlight
MODEL 700



Surface Floodlight
NEW MODEL 500



Directional Arrow Lighting
MODEL 1100



Locating Beacon
MODEL 1800



Locating Beacon
MODEL 1701



Perimeter Light
MODEL 1000



Recessed Flushlight
MODEL 1601



VASI
Glide Path
Lighting
MODEL 800



Radio Receiver
Controller
MODEL 1200