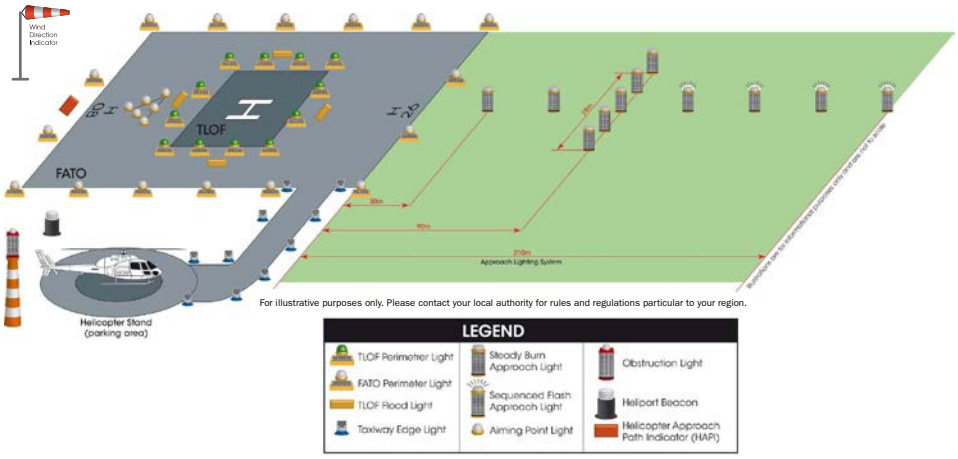
Flight Light Inc.
2708 47th Ave.
Sacramento, California, U.S.A.
95822-3806

PH (916) 394-2800 FX (916) 394-2809
TF (800) 806-3548 EM info@flightlight.com

# Surface/Ground Level Heliport Lighting System Avlite

## Features

- **Solar Powered:** The Avlite helipad lighting solution is completely solar powered, reducing installation time and running costs. Removing reliance on grid-power allows the system to be portable and quickly deployed.
- **Wireless Controlled:** Accepted for use globally, the Avlite 2.4GHz wireless network allows users to directly control the operation of lights from a hand-held controller. Control light intensities, switch between visual or Infrared, or turn the entire system ON or OFF.
- **Industry Compliant:** The Avlite helipad perimeter lights are the only solar-powered helipad lights to comply with the photometric performance and height requirements of ICAO Annex 14 international standard.




Avlite's solar-powered heliport lighting system is ideal for emergency, temporary or permanent helipads and helidecks. The system offers helicopter crews engaged in emergency medical services, search and rescue, law enforcement, humanitarian missions and defense a safer way to land and take off at night or in low-visibility conditions.

The two main elements of the system are the revolutionary solar perimeter light and solar flood light. Both models are low-profile and not greater than 25cm in height.

The radio-controlled solar heliport perimeter light gives over 50 hours of continuous operation at ICAO Annex 14 touch-down/lift-off perimeter light intensities, while the radio-controlled solar heliport flood light provides uniform surface lighting across a wide helipad surface. The light's optic hood prevents upwards glare from dazzling the pilots upon approach.

Avlite's solar-powered lighting products all utilize the same radio controller, meaning a single controller can control multiple solar fixtures including heliport beacons, taxiway lights, obstruction lights, lighted windsocks and other products.

The radio controller is designed to support a number of operational modes including 3-step intensity adjustment and switching the system between visual and infrared. The solar Pilot Activated Lighting Control (PALC) can also be integrated with the system for remote operation of an unmanned heliport.

## Product Selection

**Final Approach & Take-off (FATO) Perimeter and Aiming Point Lights**
Avlite's completely self-contained helipad light is a solar-powered, wireless controlled light that can be used

Flight Light Inc.
2708 47th Ave.
Sacramento, California, U.S.A.
95822-3806

PH (916) 394-2800 FX (916) 394-2809
TF (800) 806-3548 EM info@flightlight.com

# Surface/Ground Level Heliport Lighting System Avlite

for FATO perimeter and aiming point lights. Optional NVG mode available.

**Touchdown & Lift-off (TLOF) Perimeter Light**
Avlite's helipad light is a solar-powered, wireless controlled, completely self-contained LED heliport light designed to meet ICAO Annex 14 Touchdown and Lift-off perimeter light intensities. Optional NVG mode available.

**Touchdown & Lift-off (TLOF) Floodlight**
Avlite's LED floodlight is a solar-powered lighting option used to clearly identify the Touchdown and Lift-off (TLOF) area. Angle of tilt of the luminaire is easily adjusted to maximize helipad illumination and the hood prevents upwards glare from dazzling the pilots upon approach. Optional NVG mode available.

**Solar Obstruction Lights**
The AV310 and AV410 Solar Powered ICAO LIOL Type A obstruction lights safely mark obstacles.

**Taxiway Edge Light**
Avlite's ICAO compliant AV70-RF is a solar powered, radio controlled taxiway light. Optional NVG mode available.

**Steady Burn & Flashing Approach Light**
The AV-426 can be used as either a steady burn or flashing approach light. The AV-426 is a completely self-contained, solar powered lighting option and can be wirelessly controlled using Avlite's hand-held radio controller. Optional NVG mode available.

**Heliport Beacon**
The Heliport Beacon can be used where long range visual guidance is necessary.

**Wind Direction Indicator**
Avlite's illuminated, solar-powered wind direction indicator ensures helicopter pilots can easily determine wind speed and direction.

**Radio Controller**
Avlite's 2.4GHz worldwide accepted radio control allows personnel to remotely activate helipad lighting.

**Visit our web site: www.flightlight.com**