MIL-Star®
Portable Tactical Airfield Lighting System with NVG compatible IR
MIL-Star® rechargeable battery powered LED helipad lighting system designed for rapid deployment and use by advancing military forces in temporary and emergency situations. Provides safe and effective marking at designated or ad-hoc helicopter landing zones.

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MIL-Star® is the upgraded military version of the popular HeliLight System. Our portable lighting systems are used by The United Nations peacekeeping mission in Mali, The Philippine Navy, The Bangladeshi Army, and The Mexican Navy. Deployed on a global scale in the United Kingdom, the USA, Russia, Bangladesh, Mozambique, Kenya, Mexico, Mali, The Philippines and Japan.

Product features:

**Application** - Covert and FLIR operations. Effective marking of helicopter landing zones that can be identified at night from distances up to 10 Miles (16km)

**Portable** - Lightweight (10.6 Kg)

**Versatile** - Red, blue, green, white visible LED’s and infra-red to support pilots wearing Night Vision Goggles (NVG’s)

**Multi-Function** - Programmable to flash warning, location beacon or Morse Code with automatic sunset switching

**Pilot Control** - Wireless via VHF operational at a line of sight ranges in excess of 10km

**Stability** - Stable under the rotor wash of a Chinook

MIL-Star® is rechargeable in its case via mains at 100-240V AC, vehicles at 13.5-28VDC, solar or wind power. Run Time Steady - Up to 18 hours. Run Time Flashing - Up to 108 hours. Recharging Time - fully exhausted to fully charged in 3.5 hours.
**Levels (Brightness)**

The LED output Level is set to 20%, 40%, 60%, 80% or 100% of maximum output level. In Dual mode the ratio of the IR level to the visible LED level can be set at 10%, 20%, 30%, 40% and 50% of the output level of the visible LEDs. Note that as this is a ratio, as the level of the visible LEDs is changed, the IR level tracks it at the desired ratio.

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**Additional MIL-Star® features:**

Colours + IR (Dual Mode)

Where pilots require both visible light and infra-red lights in the pattern they can either use normal vision or augmentation through the use of Night Vision Goggles (NVG). Any colour + IR can be selected for Dual Mode.
Automatic Switching

MIL-Star® incorporates a light detector and can be set to switch on in normal mode (on/off action solely controlled by the magnetic or wireless switches) or in sunset mode where they will automatically come on at sunset and switch off at sunrise.

Lead-In Lights

A group of MIL-Star® can operate as a string of sequenced flashing lead-in lights. In this mode each MIL-Star® is programmed with a ‘Light Number’, and on the receipt of a Flash command will flash at the right point in the lead-in sequence.

Wireless Switching

Once activated MIL-Star® can be controlled remotely by a Mobile Lighting Controller, a PC/Table with a USB-UHF transceiver or by a Key Fob Controller (optional extra).

** Run Time in Steady Mode
Up to 18 hours*

** Run Time in Flashing Mode
Up to 108 hours**

** Recharging Time
Mains PSU is capable of charging 8 lights from fully exhausted to fully charged in about 3.5 hours.

* When programmed to steady on showing white @ 20% intensity level.

** When programmed to Identification Beacon Single Flash (showing white).

Dimensional Data:

Complete System in Carry Case:
Length: 340mm / Width: 424mm / Height: 173mm
Weight: 10.6Kg

Single Light Unit:
Length: 83mm / Width: 83mm / Height: 65mm
Weight: 0.73Kg

DESIGN INNOVATE LEAD