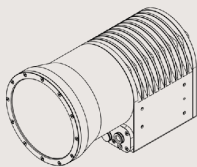


Falcon

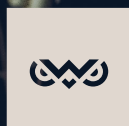
Searchlight system

ISO 9001:2015



P/N: XFA-02-04-00-02-05-01

NSN: 6240-22-639-5450



WISELED

Falcon Tactical Searchlight



Field of view



The FALCON Tactical Searchlight Platform is engineered for maritime patrol, border security, critical infrastructure protection, search and rescue, and Counter-UAS operations, with proven performance in detecting threats at ranges up to 5 kilometers.

The system features independent control of searchlight, infrared pointer, and floodlight functions with motorized zoom capability (1°–40°) enabling real-time beam customization for precision targeting or wide-area surveillance.

Its flexible design integrates seamlessly into vehicle platforms, weapon stations, maritime installations, and portable deployments via secure RS422 communication, while operating across 12–32V DC power sources.

With more than 20,000,000 candela intensity and MIL-STD compliance, FALCON delivers operational reliability in the most demanding military and security scenarios.



Searchlight & Illumination Platform

The FALCON Tactical Searchlight & Illumination Platform family from Wiseled delivers powerful, high-intensity light engineered for military, maritime and border operations. Specifically designed to Mil Spec, FALCON provides exceptional illumination, both IR and White light for integration with land vehicles, vessels, and fixed installations.

Defence, security, and infrastructure operators benefit from operational reliability, advanced searchlight controllability, and consistent illumination performance from any power source from 12 – 36V DC.

Based on extensive end-user feedback from widespread use by Ukrainian Mobile Firing Teams, the FALCON Searchlight family can be tailored to meet diverse mission requirements and local regulatory frameworks.

Several thousand sets are currently in use world wide, enabling cost effective C-UAV systems to reduce the likelihood of saturation on higher value target options. Available options include a green laser dazzler, IR pointer and illuminator, as well as an anchor beam and a 1–40 degree zoom white light, providing an effective range of up to 9 km.

Operational Scope

- Border Security
- Critical Infrastructure
- Maritime Patrol
- SAR
- Mobile Patrol
- C-UAS

Scan QR code to
view in AR on mobile



About Wiseled

Since the founding of **Wiseled** in 2003, the company has evolved into an internationally recognised provider of **LED and laser illuminators**. This has been achieved by means of continuous research and development, engineering and manufacturing excellence, and a steadily growing range of products for the military, maritime and security markets.

Our products are designed for various applications, including integration with optic and sensor modules to enable operations in extreme environmental conditions.

Our solutions enhance operator's ability to observe, detect and engage targets with increased accuracy and reduced collateral damage.

Wiseled ApS, Nallebakken 5, 3250, Gilleleje, Denmark
E-mail: contact@wiseled.com



WISELED