

FALCON

Searchlight

P/N: FLC-02-02-00-02-00-00

NSN: 6230-22-626-5856

Long Range Illumination

Introducing the **FALCON Searchlight**, a high-performance illuminator. With its remarkable range and adjustable beam angle, it provides extended situational awareness and efficiency in various fields of use. Equipped with laser illuminators and an optional LED flood light, the **FALCON** ensures enhanced visibility during night-time operations. Its rugged design guarantees durability and reliability, making it the go-to choice for critical situations. Elevate your capabilities and experience unmatched performance with the **FALCON Searchlight**

Specifications:

- *Long Range Illumination: Visible light up to 7 kilometers.*
- *Adjustable Beam Angle: Set angle from 1 to 40°+ for situational awareness.*
- *High-Intensity Output: Over 15 million Candela for spotlighting and signaling.*
- *Laser Illumination: Infrared and green lasers for night-time use.*
- *Optional LED Flood Light: Added visible light when needed.*

Light Sources:

- *High-Intensity Searchlight: >15 million Candela*
- *Infrared Laser Illumination: 860nm*
- *Green Laser Dazzler: 525nm*
- *Optional: Added flood Light in visible or infrared spectrums*

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Product features



Low size to weight ratio



Low power consumption



Best in class luminous intensity



Focusable light



Wide range



Danish developed product and quality control





*Image is showing version with optional flood visible light

Specifications **FALCON Searchlight/Dual laser illuminator**

Bezel diameter	140 mm	
Length	230 mm	
Weight	6 000gr / 6,0 kg	
Input range (DC)	18-32V	
Power consumption	Max 130W, depending on configuration	*6000 lumen Led FLOOD option -> 100W
Surface treatment	MIL DTL 5541 51 Type II Class 1A, Class 3 on request	
Luminous intensity	15.000.000 cd	0,25 Lux @ 7746 m
Divergence	1° - 40°+	Adjustable FOV (Flood light > 30°)
IR Laser illuminator	3° Degrees / 52,4 mrad	860nm , Class 3B 499 mW, NOHD TBD
Green laser module	12 mrad laser dazzler	520nm , Class 3B 499mW, NOHD TBD
Range	0,25 Lux @ 7746 m	Pr ANSI/PLATO FL1 2016)
Output modes	Constant/strobe	Programmable
Working temperature	From -33°C to 60°C	MILSTD-810G
Interface	Ethernet with 1x "t"	
Water resistance	IP67	
Color temperature	6000 Kelvin	



Designed and manufactured in Denmark





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.

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