

Combo search light



Visible and IR light source in one

INTENDED FOR

- Military and Defence
- Marine and Coast guard
- Prison and Security
- Homeland and Border



Search Lighting provides high intensity LED performance of 410.000cd, with addition of Infrared (IR) Illuminators for night observation. It operates successfully in the most demanding environments, illuminating targets at long distances.

KEY BENEFITS

- Unique product on the market
- State of the art technology
- Two light sources in one housing
- Low power consumption
- Maintenance free

CHARATERISTICS

- Combo Search Light – suitable for use on combat armoured vehicles, tanks, trucks or terrain vehicles .
- White LED light source – the 6000K Color Correlated Temperature provides outstanding visibility in mesopic (night) vision conditions.
- Infra-Red light source – enables night observation with a strong IR beam of, the same range as the white light.
- Less power consumption – LED technology consumes 6 times less energy compared to incandescent bulbs for the same light flux.
- Longer range – because of precision optics on each individual LED diode it is possible to focus the light beam and achieve a greater range.
- Maintenance free – the life expectancy is over 60.000 hours without maintenance, no bulbs to change.
- Robust housing – provides excellent mechanical protection and thermal management.
- Practical handle – enables better light steer and handling.

TECHNICAL SPECIFICATIONS GalaLED lamp

White Light Beam	
Nominal Voltage	24VDC (reverse polarity protection)
Operating Voltage	10-32VDC
Load Dump tolerable	70VDC
Maximum power	65W
Luminous output	5100lm
Luminous intensity	~410.000cd
Range	500m
Beam angle FWHM	8° (circular beam)
CCT (Correlated Colour Temperature)	5000K
CRI (Colour Rendering Index)	>80
Infrared Light Beam	
Nominal Voltage	24VDC (reverse polarity protection)
Operating Voltage	10-32VDC
Load Dump tolerable	70VDC
Maximum power	50W
Total Radiant Flux	~8.100 mW
Range	400m
Beam angle	FWHM 12° (circular beam)
Peak Wavelength	950nm

