

**LED Searchlight Visible white and Infrared**

Unique search light with visible and IR light in one source.

IP rating IP67 and IK08.

Intended for Military and Defence, Marine and Coast Guard, Prison and Security, Homeland and Border Patrol.

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.

Suitable for use on combat armoured vehicles, tanks, trucks or terrain vehicles. Ideal for small rapid vessels.

The white LED light source provides 6000K bright light for outstanding visibility in mesopic (night)vision conditions.

The Infrared (IR) light source enables night observation with a strong IR Beam of the same range as the white light.

Less power consumption - the 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.

Robust housing provides excellent mechanical protection and thermal management.

Practical handle enables better light steer and handling.

Flange diameter 24mm ID and 35mm OD. Drawing available.

**Data Link Combo Search Light is a unique product on the market. The Search Light is used by NATO and has a NATO Number.**

**Technical Specifications**

**White Light Beam**

Nominal Voltage 24Vdc (reverse polarity protection)

Operating Voltage 10-32Vdc

Load Dump Tolerance 70Vdc

Maximum Power 65W

Luminous Output 5100lm

Luminous Intensity ~410.000cd

Range 500 mtr

Beam Angle FWHM 8° (Circular Beam)

CCT (Correlated Colour Temperature) 6000K

CRI (Colour Rendering Index) >80

**Technical Specifications**

**Infrared Light Beam**

Nominal Voltage 24Vdc (reverse polarity protection)

Operating Voltage 10-32Vdc

Load Dump Tolerance 70Vdc

Maximum Power 50W

Total Radiant Flux ~81.00mW

Range 400 mtr

Beam Angle FWHM 12° (Circular Beam)

Peak Wavelength 950nm



Article No.	Description	Wattage	Lumen output	WxHxD mm
580500	Combo Search Light White + IR incl. 3 mtr cable	65W white 50W IT	5.100 lm 8100 mW	170x210x110

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