



www.oxleygroup.com

LAND

Vehicle Lighting





RUGGED LIGHTING

for challenging military applications where durability, reliability and space is critical

CAPABILITY

Oxley has a total capability in the design and manufacture of LED and night vision lighting.

Our dedicated engineering team are supported by in-house prototype, precision machining, assembly and test facilities enabling rapid turnaround of prototype developments and urgent operational requirements. From off the shelf components, to customised lighting design and upgrades, installation and support, we offer total solutions.

EXPERTISE

With four decades' experience in LED design and manufacture, we are global pioneers in the development of new technology for vehicle applications. World leaders in night vision lighting we pioneered the development of infra-red driving lights for military vehicle covert operations using NVGs and are leading the way with our latest LED interior lighting solutions. Our products are proven in use on land based platforms across the globe and are best in class for all weather performance in extreme conditions.

LED LIGHTING

Oxley has developed a wide range of high specification LED lighting to replace incandescent and fluorescent lighting in both retrofit and new build vehicle projects.

Our lighting is robust, rugged and designed with the military user in mind. With properties such as EMC protection, high MTBF and high sealing Oxley is a reliable choice for military enhancement lighting.

Universal products include:

Combi lights

Incorporating three lights in one unit, combi lights have main, blackout and emergency modes. Available with universal input for operation in both AC and DC modes in the same unit, they can be installed in any land platform with customised variations to suit specific requirements.

These lights have many advantages compared to traditional incandescent and fluorescent lighting. In areas with limited space, the low profile design increases the available headroom. LED technology makes this a fit and forget solution, reducing overall costs through extended working life.

All series meet DEF-STAN 61-5 part 6 issue 5, MIL-STAN 1275* and MIL-STD-461E.

Gooseneck

The Gooseneck light incorporates state-of-the-art LED technology to provide a rugged task light designed to meet the toughest military standards. High vibration and shock proof, the Gooseneck comes with a secondary colour option, a straight or angled head and NVIS compatibility if required.

*Equivalency claim to DEF STAN 61-5

Searchlights

Our LED searchlight range incorporates a high intensity and a compact version, both are specifically designed for harsh environments with excellent resistance to shock and vibration and both offer low power consumption and a long MTBF. The compact light has an adjustable angle and is available with a range of light distribution and beam intensity options, all meeting tough military standards. The high intensity light is fitted with handles and a clamping system to allow 360 degree rotation, it can be mounted on a tripod and is suitable for use on or off a vehicle.

OUR SOLUTIONS

We have a comprehensive range of internal and external lighting for military vehicles in normal visible, NVG compatible, NVG Friendly and Covert technology. Our experience covers night vision compatible upgrades to the provision of interior vehicle lighting.

Simple to install and with MTBF in excess of 50,000 hours, Oxley LEDs increase capability, enable safer operations and deliver significant through life cost and energy savings compared to traditional vehicle light fittings.

External Lighting

Visible

- Visible Searchlight
- Floodlights
- Spotlight with Tripod

Infra-red Covert

- Front Headlight
- Rear Convoy with Brake
- Beacon Light

Internal Lighting

Visible

- Area Lighting
- LED Indicators
- Cockpit Utility
- Task Lighting

Night Vision Compatible & Friendly

- Area Lighting
- LED Indicators
- Instrument Modifications
- Optical Filters



DC Combi Light



Compact LED Searchlight



IR Driving Light



LED Searchlight

IR Beacon



Cockpit Utility light



Gooseneck

EXPERIENCE

Oxley has established a strong presence in military vehicle markets across the globe and continues to provide NVG friendly and NVIS compatible LED lighting to OEMs. This includes the British Army's latest acquisitions such as MIV Boxer, Ajax and Foxhound. Internationally, Oxley supports many Primes supplying NATO and partner Forces around the world on armoured vehicle programmes.

Oxley solutions are recognised as leading the field of rugged design and customers include Rheinmetall BAE Systems Land (RBSL), Rheinmetall Landsysteme GmbH (RLS), Rheinmetall MAN, KMW, BAE Systems, General Dynamics European Land Systems, GDUK, GDLS-C, Hanwha Defense, Mercedes, Iveco, Oshkosh Inc, and many others.

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