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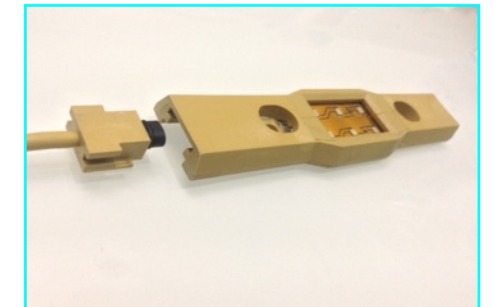
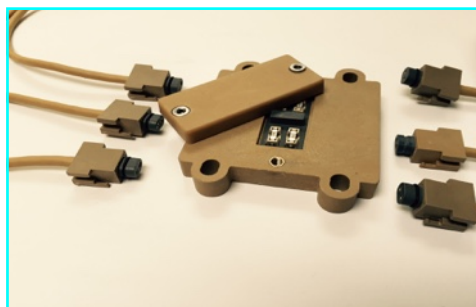
Keith White Call: +44 777 614 7803
keithwhite@aeroglowinternational.com

Neil Ham Call: +44 7879 402 361
neilham@aeroglowinternational.com

HaLO Egress Lighting

Mitigates post event risks by automatically illuminating vital escape routes, hatch mechanisms, and emergency equipment; thus improving the evacuation times of troops from the vehicle. With approx. 5000 delivered systems HaLO is a patent protected TRL 9 fully proven system with 6 + years of in-service experience and evolution. The system is:

- ➔ Blast/IED/crash, roll-over, water and flame activated.
- ➔ Tailored to mitigate existing US and UK platform safety-case risks (High/Red) to acceptable risk levels, and demonstrate duty of care to vehicle users.
- ➔ Powered by a 'fit once' ultra capacitor pack; or a replaceable primary cell pack.
- ➔ Configurable to provide additional crew lighting options.
- ➔ In service with all US SOCOM MRAP / MATV platforms; UK Foxhound, Mastiff, Ridgback, Warthog, Buffalo, CW4x4, Husky, Fuchs, Warrior and Viking Platforms.
- ➔ Recently purchased for the USMC ACV1.1 Platform.
- ➔ Fully modular housings - cables lock into position when units fitted to backplate.



Proprietary Information and Design - Commercial in Confidence

Design Specification

Medium	Standards	Quotes
Environmental	DefStan 00-35 Part 4 Section1 Mil Std 501.5 to 502.5	-46 to + 70 Deg C including humidity, solar heating and marine environments.
Vibration	Mil Std 810F DefStan 00-35 Part 3	
Ballistic Shock	500g (all axis) 2ms, DefStan 00-35 Part 3	Test M3 - Extreme shock for armored fighting vehicles
Light Performance	7700 cd/m sq, exceeding Mil - PRF-85676A (AS) NATO STANAG 3870&3224	Optimized for penetration in turbid water
EMC/V	DeStan 59-411 ; Mil Std 461; DEFSTAN 61-5; Mil Std 501.5 to 502.5. MIL STD 465C.	Whole Platform EMC testing may be required by vehicle OEM as required
Water resistance	DefStan 0035, P3, CL29 Mil Std 810G 512.5	Proven to 50m. 6 Bar AP.
Contaminates	DefStan 00-35, P3, Ch 4-04,CN4 Mil Std 810G 504.1	
NVG	Mil-L-85672A p3.10.9.8	In-service tested in an operationally representative environment.
Dust	Def Stan 00-35, Ch3-25, CL25 Mil Std 810F 510.5	
Human Factors	Def Stan 00-250 P1	
Weight		Typical weight 10Kg total

Patent protected unrivaled technology.

The AeroGlow International HaLO (Hatch Lighting & Orientation) System is protected by US patent US8253337B2, UK patent GB2472090, EU patent pending EP2278566. Furthermore HaLO is protected by various Europe-wide registered designs 001593153.

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