

Photoluminescent Emergency Lighting For Law Enforcement Vehicles



Defense Holdings, Inc.® (DHi) has developed an Emergency Egress Photoluminescent (PL) Lighting Kit™ specifically for Law Enforcement Vehicles. Our objective is to provide simple and highly reliable emergency markings using our AfterGlow® photoluminescent light sources to identify the locations of door latches and openings, grab bars and emergency equipment such as fire extinguishers in the absence of daylight and any other powered lighting.



Who is Defense Holdings, Inc.®?

DHi® is a dynamic small business dedicated to introducing important new technologies to its government and industry customers.

The DHi staff enjoys a reputation earned over many years for managerial, manufacturing, and technical excellence. We support our customers with solutions to the complex problems of implementing and managing technology in a demanding and rapidly changing procurement environment.

Customer questions or concerns can be addressed to:

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Arlington, VA 22201-5718

ISO 9001 Registered Since 2003

DHi has been recognized for its innovative products, expert project management techniques, and attention to detail. DHi has been ISO 9001 registered since 2003. Our QMS requirements cover all aspects of our business including engineering, project management and manufacturing and ensure the consistently high quality of DHi's products and services.



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DHi®

DEFENSE HOLDINGS, INC.

The Idea Company®

Presents



For Improved Law Enforcement Vehicle Safety



Photoluminescent Emergency Lighting For Law Enforcement Vehicles



The DHi Basic™ Emergency Egress Photoluminescent Lighting Kit™ (Part Number **NLN131JBPE-KIT1Y**) contains:

- 25' of 1" wide, adhesive-backed AfterGlow® PL tape
- 100' of 1" wide, high-energy magnetic-backed AfterGlow® PL tape

Please note that the best known method of surface preparation and cleaning is alcohol wipes, available from DHi in packages of 50 (NLN161CLNR-ALC50) and 100 (NLN161CLNR-ALC100).

National Stock Number 9390 01 568 1116

To order, please contact

Defense Holdings, Inc. at
1-877-AFT-GLOW (1-877-238-4569),
via e-mail at sales@afterglowdirect.com, or
via our websites at www.afterglowdirect.com
or www.dh-inc.com.

As an ISO registered company we welcome any feedback on our products and services, as well as any recommendations you may wish to share with us at quality@dh-inc.com.

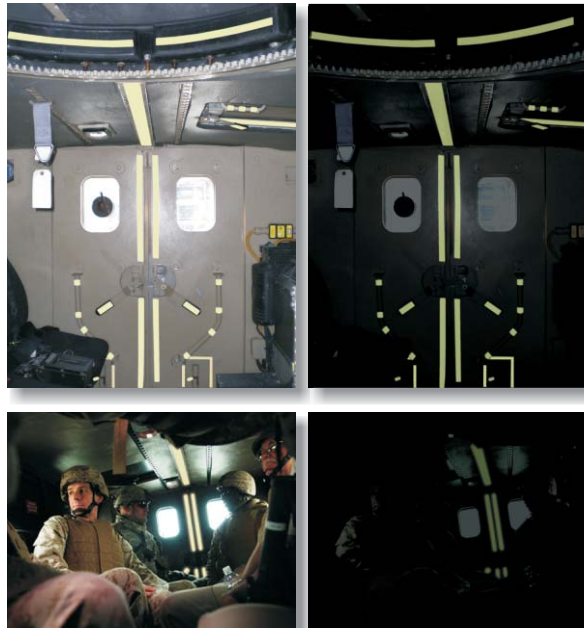
Basic™ Emergency Egress Photoluminescent (PL) Lighting Kit™

DHi's Basic™ Emergency Egress Photoluminescent (PL) Lighting Kit™ is designed to provide the materials that can be easily installed in the vehicles. The Kit includes adhesive-backed PL tape, magnetic-backed PL tape, and detailed instructions on how and where to install the materials.

Our safety-grade PL materials are inert, waterproof, non-toxic, non-radioactive and can be charged over and over again. A full charge (8+ hours of luminance) on DHi's AfterGlow® Photoluminescent Materials is achieved by exposing the PL material to:

- 3-4 minutes of ultraviolet (black) light, or
- 7-8 minutes of direct sunlight, or
- 21-23 minutes of fluorescent light, or
- 24-26 minutes of incandescent light.

With the exception of the floor, light levels in the vehicles during the day are sufficient to keep the PL materials fully charged. Once all light is removed, the fully-charged PL materials will provide adequate light for a minimum of 8 hours of visibility. Once fully-charged, DHi's AfterGlow® brand PL safety materials are readily visible underwater and through smoke.



Photoluminescent Safety Solutions® For Other Applications

DHi's AfterGlow® Photoluminescent Safety Products are gaining wide success within the U.S. Department of Defense. In November 2004, DHi began fulfilling a \$6.5 M Federal contract to install revolutionary PL Low Location Exit Path Marking Systems (LLEPMS) in the Pentagon. DHi's state-of-the-art PL solution provides Pentagon military and civilian personnel with no-fail emergency signage, enabling them to locate building exits even under extreme adverse conditions such as the total loss of electrical power or severely reduced visibility due to heavy smoke.

Aircraft propellers are dangerous to anyone who approaches them on the ground. Spinning so fast that they're practically invisible, propellers are especially dangerous when light is low or visibility is limited. It's tragically easy to be distracted amid the noise and stress of flight operations, and people are struck and killed every year. DHi has addressed this problem by applying an innovative AfterGlo® PL safety paint onto propeller blades, creating a highly effective visual warning indicator: now the crew can see the propellers. This solution (patent pending) can also be used on helicopters and a wide array of civilian aircraft.

DHi's AfterGlow® safety signage is also being applied to some of the Navy's newest ships where tests have shown that our PL signs are five times brighter and glow five times longer than conventional Navy signage.

