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Technology and Applications of LEDs

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Imco Industries' LED-based illumination devices for armored fighting vehicles

Date Announced: 14 Jul 2010

Tel-Hanan, Israel – Imco Industries, Ltd., (TASE: IMCO) a global provider of electrical harnesses, control boxes and electromechanical devices, for military applications, announced today the line of LED lights for armored fighting vehicles. Imco breaks new ground as the industry’s superior designer and manufacturer of military illumination and marking systems and will showcase its LED Lights at the upcoming Eurosatory 2010, at Hall 6 Stand B661.



Imco’s LED lighting products are combat proven and were developed and implemented on IDF MERKAVA Namer APC, as well as other vehicles.

LED Lights are easy-to-use modular systems designed for harsh environment applications. It’s flexible and compact design allow easy fitting into the constrained spaces of military vehicles and equipment.

The benefits of LED technology are known and proven: low power consumption, superior mechanical and environmental durability and extended life cycle.

Imco’s LED Lights family includes internal LED dome and crew compartment lights, external rear and front lights including main headlights, external flood lights with dual beam optimized to cover close and medium distance areas, standardized LED lights for tanks, armored vehicles, mobile shelters, aircraft, helicopters and naval vessels and LED IR driving modules.

The company also offers customized LED lights for specific applications and platforms and retrofit lamps for direct replacement of old light bulb types

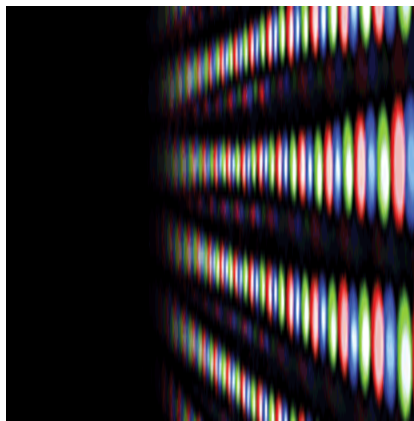
“We are proud to introduce our state-of-the-art LED LIGHTING family designed for extreme mechanical and environmental durability,” said Boaz Weiss, Imco’s VP Marketing & Business Development. “I am confident that the LED Lighting family will build on the successful acceptance of our electric devices, which have received an excellent feedback from the market and are used currently worldwide by the Israel Defense Forces, other modern armed forces, and demanding defense manufacturers.”

Mr. Weiss continued: “The LED Lighting family is a breakthrough in light density and ruggedness that represents our 36 years expertise in the defense field. By using LED Lights the end users can benefit from the advantages of these innovative lights solutions offer, such as vehicle low battery voltage alert, built-in and remote dimming, back-up batteries, blackout mode with intelligent microprocessor control and more, as well as basic benefits such as durability, less heat dissipation, low energy consumption and multitude of colors without using an optical filter”

About Imco:

Imco Industries Ltd. (TASE: IMCO) is a market leader provider of military control and electrical systems for combat and armored vehicles, military aircraft and helicopters, missiles, Naval, and UAVs. Founded in 1974, Imco has extensive experience in design, manufacturing and delivering of harnesses, control boxes, control panels, LED lighting for armored vehicles, smoke grenade launchers, slip rings for tanks and special electromechanical devices. Imco’s ability to tailor cutting-edge technology and innovative design to specific project requirements enables it to effectively respond to today’s most challenging demands. The company is an approved vendor by US Army, US Air force, IDF and modern armies.

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