

Press release

Date
5th October 2016

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For immediate release

New LED marine downlights from Glamox reduce power consumption by up to 80%

Lighting solutions specialist Glamox has updated its DL60 series of LED downlights for marine applications with new state of the art LED modules. The result is significantly reduced power consumption and an overall more environmentally friendly profile.

The new DL60 LED downlights are designed to provide maximum light quality with better colour rendering than fluorescent and halogen lighting. All DL60 components are custom engineered to work optimally together in order to provide maximum light output and minimum glare. The downlights are suitable for a wide range of offshore oil and gas and marine applications, including crew and public areas, cabins, corridors, lounges, shopping areas, ship bridges and staircases.

Compared to halogen lighting solutions, the DL60 can reduce energy consumption by up to 80% with the same light level. On a large marine vessel that has many corridors, common areas and cabins, this represents a substantial energy saving, lower total cost of ownership and a short payback on the initial investment.

Ole Hoem, Product Manager at Glamox comments: “Glamox supplies a wide range of vessels with our marine lighting products, from quick and sturdy pilot boats to massive cruise ships. However, one thing most of our customers have in common is a desire for a greener energy profile, preferably without compromising on the light output or the purchase price. To address this demand, we’ve now updated the DL60 family with new LED modules.”

Recent test results on the new DL60 series at Glamox showed a 33% reduction in power consumption along with a light efficacy of up to 98 lumen/watt. “If this was a car, we’d be able to say that we’ve reduced the fuel consumption while keeping the same horsepower,” states Hoem.

The DL60 series of LED downlights is easy to install and is characterised by a long service life at high ambient temperatures (50,000 hours at 45 deg C) and low power consumption. The DL60 is supplied with driver and light source and is available in a wide range of trims (white, brass or chrome) and decors.

EMC is becoming increasingly important in all industries and applications. The DL60 is produced in accordance with EMC requirements. The increased use of electronic components in modern ship designs, particularly in the control room, requires more stringent control of EMC requirements. EMC 1 protection, both conducted and radiated, must be guaranteed on all light fittings installed in the bridge. This is covered by the international standard IEC65/6500.

The DL60 is available in three sizes and two heights (92, 108 and 155mm diameter). The 155mm diameter version is available with a housing in two depths, which is ideal for mounting in ceilings with

space restriction. Five versions of the DL60 are available with lumen system outputs of 500, 700, 800, 900, 1100, 1400 and 2100 lm. The latest addition, the DL60-R108 LED version, is adjustable vertically and horizontally. In order turned to optimise light settings, the DL60-R108 LED light can be tilted up to 25 degrees and rotated up to 228 degrees.

The DL60 family is marine type approved by DNV and is approved for high ambient temperatures. The DL60 is also designed to meet low building height requirements and has versions available that fit 52mm thick fire-resistant ceilings. For more information on the DL60, please visit www.glamox.com/gmo

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The Glamox Group is a global organisation with 1300 employees and sales and production in several European countries, as well as in Asia and North America. The annual turnover is EUR 268 million (2014). The Group owns a range of quality lighting brands including Glamox, Aqua Signal, Luxo, Høvik Lys and Norselight. Glamox is committed to meeting customer needs and expectations by providing quality products and solutions, service and support.

www.glamox.com/gmo

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