

## DL60 LED

The energy saving downlight family





Glamox is a leading lighting brand for professional markets, onshore and offshore, established in 1947. The wide assortment of Glamox products is of superior technical quality, and available for a wide range of applications – including challenging environments.

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## DL60

### The LED Downlight family

We are pleased to introduce our newest member DL60-R108 LED in our DL60 family. DL60 is based on state of the art LED light sources. The downlight family is suitable for several applications ranging from crew- and public areas to cabins, corridors, lounges, shopping areas, ship bridges and stair cases. With its selection of sizes, décor options, good colour rendering, easy mounting and installation, you should get a downlight that satisfies everyone on board. DL60 is ready for the future. In this leaflet you will find an overview over our total DL60 LED family with a focus at our newest DL60-R108 adjustable.

Enjoy it!



# Save money, save the environment

- Reduce your energy cost up to 80%.



The Glamox DL60 is the new LED downlight family that is both more cost-effective and environmental friendly. Compared with halogen solutions, energy consumption can be reduced up to 80% with the same light level. On a large vessel that has many corridors, common areas and cabins, this represents a substantial energy saving. In addition you get a short pay back

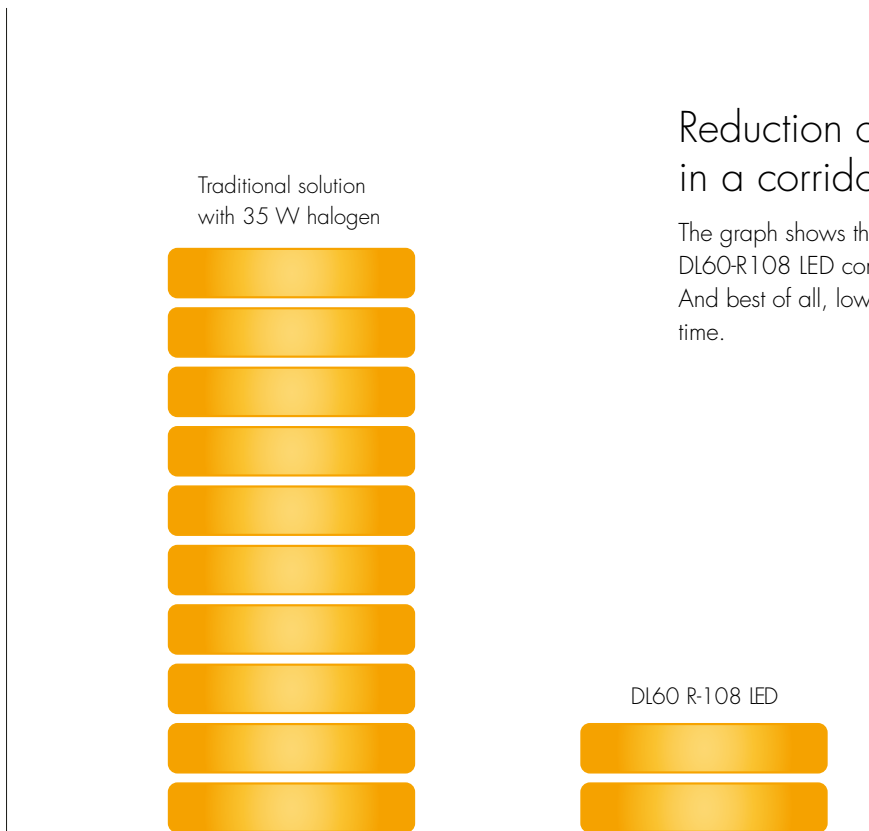
time when switching to the DL60 from conventional luminaires.

The DL60 family is marine type approved by DNV and is approved for high ambient temperatures. Further, the DL60 is designed to meet low building height requirements. In addition it has models that fits 52 mm thick fire ceilings.

DL60 is designed to reduce the operational costs. The luminaire is optimally designed for long lasting lifetime at high ambient temperatures.

Update your installation to the new energy efficient and long lasting solution.

kWh



## Reduction of power consumption in a corridor

The graph shows the power consumption in a corridor with the DL60-R108 LED compared with a traditional solution 35W halogen. And best of all, lower total cost of ownership and short payback time.

Please visit our investment calculator on the following link:  
[www.glamox.com/gmo/investment-analysis-calculation](http://www.glamox.com/gmo/investment-analysis-calculation)

# Flexibility of expression

DL60 is available in 3 sizes and 2 heights, Ø92, Ø108 and Ø155. The Ø155 is available with housing in two depths, well suited also for mounting in ceilings with space restriction.

## DL60 is available in these five variants

DL60-R92 LED	Fits up to 25 mm thick ceilings
DL60-R92H LED	Fits B15 52mm thick ceilings
DL60-RF155 LED	Fits up to 31 mm thick ceilings
DL60-R155 LED	Fits B15 52mm thick ceilings
DL60-R108 LED	Adjustable horizontal and vertical, up to 35mm thick ceilings



DL60-R108 LED



DL60-R92 LED



DL60-R92H LED



DL60-RF155 LED



DL60-R155 LED



You can select the colour that suits your project. The tiltable heatzink and the trim rings are all available in white, chrome and brass.

# Tilt and turn

The DL60-R108 LED is adjustable. Just tilt and turn it to get your optimized light setting. It is possible to fix the lighting position after finishing adjustment.



A wide range of trim rings in many colours and materials provides a look that matches the rest of the architectural design onboard a vessel. This new downlight is easy to install and by simply replacing the trim ring you may change expression at any time.

Cover trim ring Chrome



Cover trim ring Brass



Cover trim ring White



Cover trim ring Brushed aluminium



Centre matt



Glass outer ring



Acrylic ring



Metal decor rings



Decor ice pattern Glass



Decor IP55



Decor matt ring Glass



Decor matt Glass



Decor IP55 Clear



Decor IP55 Opalic



Decor IP55 Red



Remark that the DL60-R108 LED version does not have all this options.

# DL60 Light quality

Glamox DL60 has an emitting surface with good lighting quality. We provide you with a downlight with good colour rendering and little glare. The product is available with different lumen packages from 500lm to 2100lm that have high efficiency and reduce energy consumption. The result is a downlight that provides comfortable light and cares for its surroundings.

## HIGH DEMANDS

The unique environments from Cruise & Ferry, through commercial and up to oil & gas installations requires high demands for our lighting.

## EFFICIENT HEAT MANAGEMENT

The Aluminium heat sink and the ingenious design secures an efficient heat management and influences the lifetime of the LED module in a positive way.

## FLEXIBLE

Low weight downlight, well suited for most types of ceilings. Easy and secure mounting. For ceiling thickness from 1-52mm.

## OPTIONS

Trim ring in several colours and different décor options can easily be mounted without demounting the downlight.

## STATE OF THE ART

State of the art LED module from leading producers. All based on Glamox specifications.

## BENEFITS

Long lifetime, reduced maintenance costs and low running costs at the light installations.

## COMFORTABLE LIGHT

The design with the large emitting surface reduces glare and provides a pleasant light.

## COLOUR RENDERING

Good colour rendering.

## EFFICIENT REFLECTOR

Three options of efficient reflectors. Choose between reflector in faceted high gloss (SF) matt (SM) or high gloss (SI).

## EASY CONNECTION

Quick connectors as Ensto or Wago. Push in terminal block as an option.

## ONE COMPLETE UNIT

Delivered as one complete unit, no loose parts.

## MARINE STANDARDS

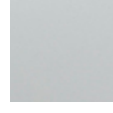
High ambient temperature demands, vibration and electromagnetic compatibility (EMC) demands according to marine standards.

## MOUNTING

Easy to firmly anchor the downlight in the ceiling with the Torx unbraco bits that always accompany the product.



SF Matt



SM Matt



SI Reflector



# Enhanced light quality

The DL60 has been specially designed to provide maximum light quality with better colour rendering than fluorescent and halogen lighting. All components have been customised to work optimally together in order to give maximum light output and minimum glare.

# High quality

The DL60 is available in 500 to 2100 lumen system output, and most models are approved for +45°C ambient temperature. We always provide our products with the highest quality LED. Our designers have made the optimal combination between functionality and heat management, in order to maximise the lifetime and quality of the downlight. DL60 is delivered with LED modules with at least 50.000 hours lifetime at maximum ambient temperature.

# DL60 at a glance

- Available in 500, 700, 800, 900, 1100, 1400 and 2100 lm
- LED energy saving
- Adjustable or fixed
- DL60-R108 LED is tiltable. Max 25° tilt and rotates 228°
- Easy installation
- Enhanced light quality
- Long lifetime, 50 000 hours at 45°C ambient temperature
- Dimming available
- Vibration tested
- Dust cover protection
- Designed for Marine approval and for marine requirement
- 5 year warranty

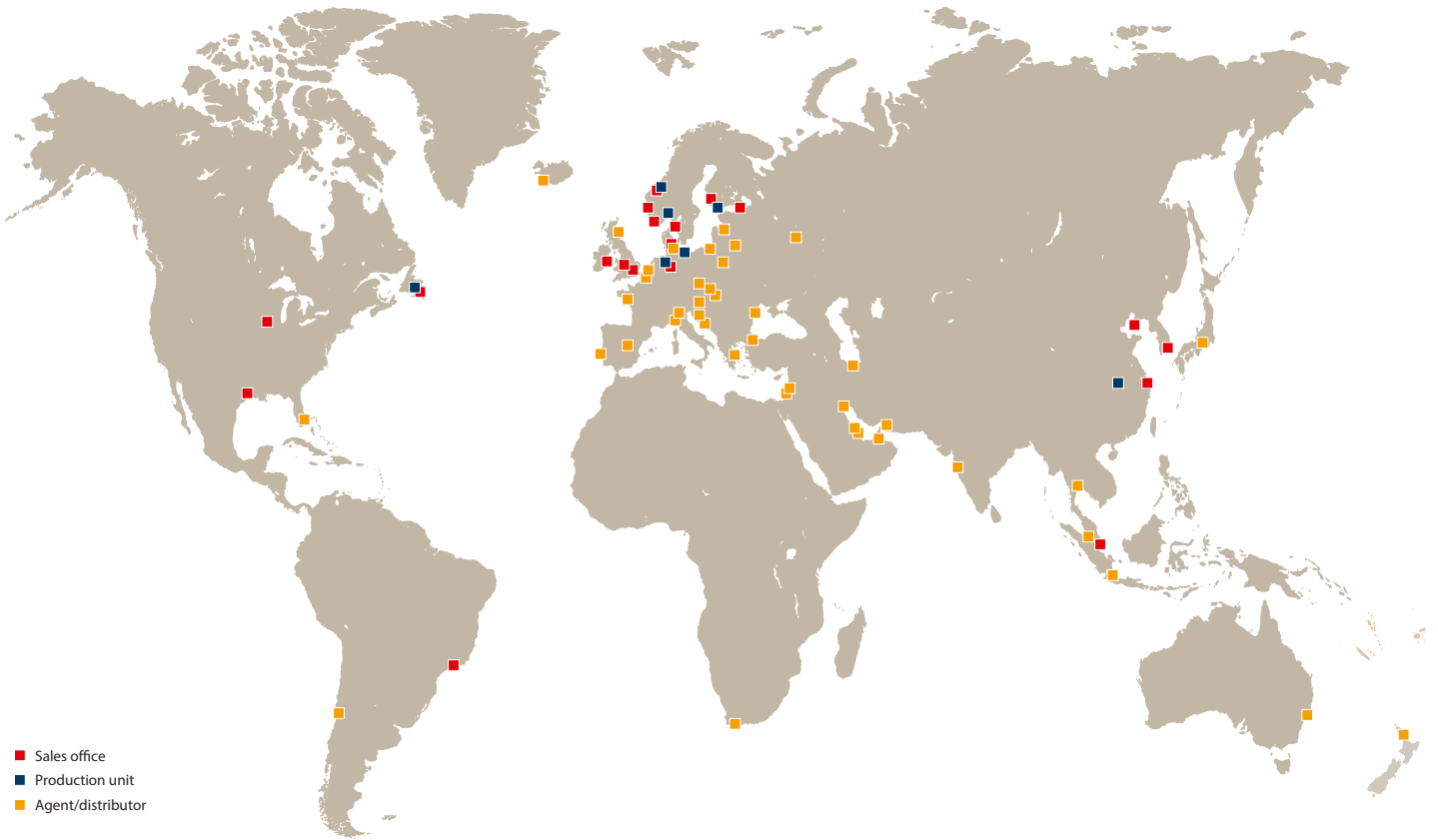
Please see our web

[www.glamox.com/gmo](http://www.glamox.com/gmo) for more details and information.



Please refer to our website for information about our 5-year warranty. [www.glamox.com/gmo](http://www.glamox.com/gmo)





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