



W.J. KEATING LIMITED

NAVIGATION LIGHTS



Navigation lights have the most important task to secure life and values. Thus very stringent demands are directed to working reliability.

Long experience including more than 13,000 units delivered, enable us to guarantee that AUTRONICA NAVIGATION LIGHTS are very reliable.

The design is made to meet the IALA (International Association of Lighthouse Authorities) buoyage system A character requirements.

By means of the electronic pulse generator in LE-5 the characteristic - light and dark period - can be adjusted according to customer's specifications. An electromechanical bulb-changer including 6 bulbs, each with an operating life time exceeding 500 hours, helps to secure reliable working conditions. LE-5 can be delivered for light effect giving up to 10 nautical miles visibility. By means of the electronic voltage stabilizer a very high grade of battery utilization is obtained.

Replacement of bulbs is easily carried out, and interchangeable modules facilitate possible service.

LE-5 is equipped with a lens of UV-stabilized polycarbonate having a high resistance to shock and good optical quality within the ambient temperature range of -40°C to $+120^{\circ}\text{C}$.

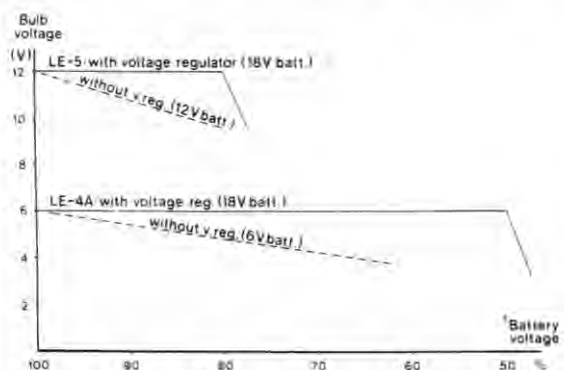
The armature material is cast iron and is surface treated with grey baked enamel lacquer. The armature is designed to fit several mounting units intended for various applications.

NAVIGATION LIGHT LE-4A has basically the same electronic design as LE-5. However, LE-4A is equipped with lower light effect giving max. 5 nautical miles visibility. LE-4A is equipped with bulb-changer including 4 bulbs and glass lens protected by a polycarbonate dome.

A photo-cell switches the light automatically at approx. 15 lux.

Lenses or lens filters in red, yellow or green colours can be supplied.

Bulb voltage as a function of battery voltage



Range Nautical miles

Range as a function of intensity

