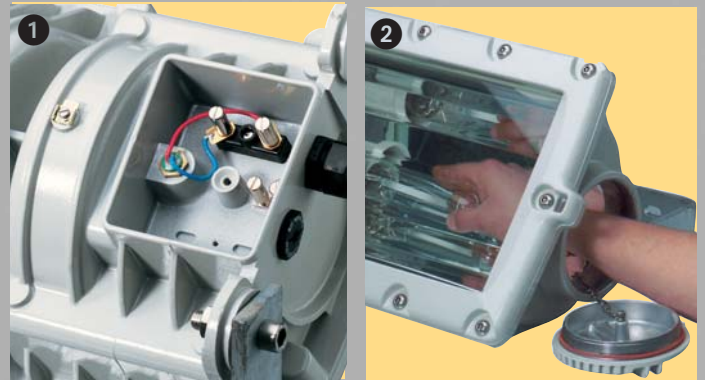


# Advantages of floodlights

## Quick and easy to fit

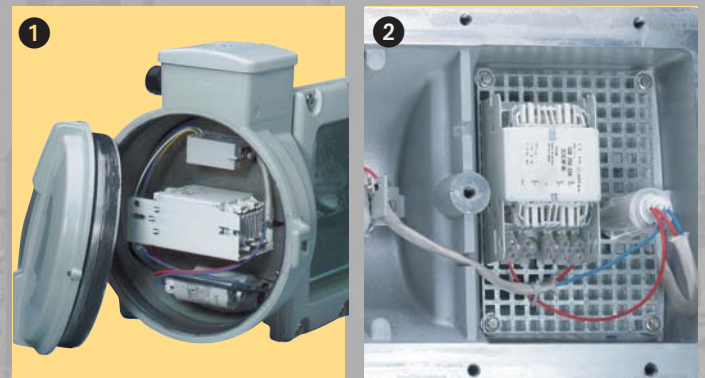
- ❶ Marine grade painted aluminium with increased safety terminal box, for easy wiring, even on offshore installation.
- ❷ Threaded cover with safety chain provides rapid access to the lamp, for easier installation and maintenance on-site.



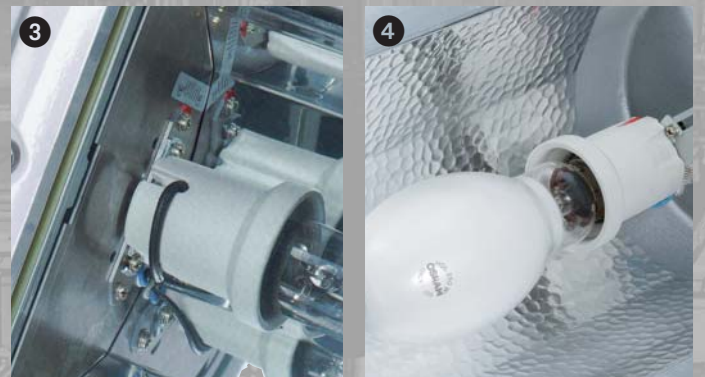
## Easy maintenance

See pictures :

- ❶ and ❷ Extended service life: ballasts, igniters, capacitors thermally insulated from the lamp compartment.



- ❸ and ❹ Rapid adjustment of lamp position for a narrow, medium or wide angle beam.



# Advantages of ferromagnetic ballasts

## High pressure discharge lamps

High pressure discharge lamps must be used in conjunction with power supply accessories known as ballasts. Ferromagnetic ballasts operate according to the principle of

self-induction (choke). In some cases one choke can be used for several lamps. The design of the ballast must take account of the voltage and frequency of the mains power supply.

## Optimum operation of the lamp

Ballasts must supply the lamp with current and power values which correspond exactly to its

specifications, to ensure optimum light output.

## Minimum energy consumption

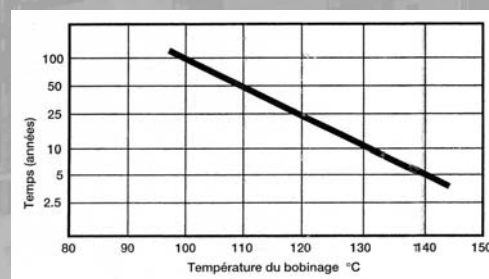
A ballast which is not very economical causes considerable energy losses and significantly reduces the overall efficiency of the ballast-luminaire system. Moreover, the heat due to the ballast's energy losses limits the field of

application of the luminaire.

The design of ballast integrated in ATX flood light reduces energy losses to a minimum, optimizes light output, light colour and lamp service life.

## Maximum service life

The use of class H insulating materials, designed to withstand temperatures of more than 180°C, enables ballasts to achieve a maximum service life. The diagram opposite illustrates the relationship between the temperature of the copper coil and the service life of the ballast. A 10°C fall or rise in the temperature produces a 50% increase or decrease in the service life of the ballast.



## International approvals

All ballasts used are ENEC approved

**A.T.X.**®