

# Lighting System

Solar I

Na Lamp MH-150W

Na Lamp

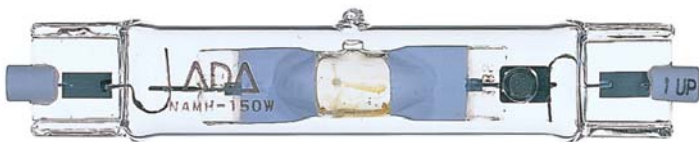
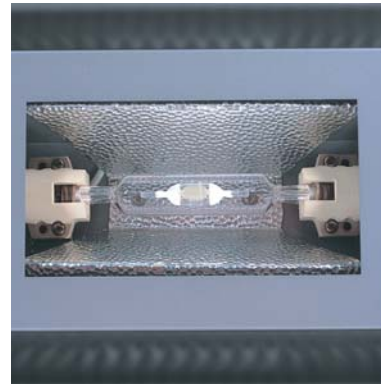


## SOLAR I

108-047

The majority of aquatic plants grow in shallow water and under a intense light radiation that reaches its highest value (peak) during midday. Illumination generated by metal halide lamp HQI is much more intense than the one produced by fluorescent tube. For this reason we recommend a limitation of aquarium lighting to 6-8 hours per day.

- It contains one NA LAMP MH-150W



## NA LAMP MH-150 W

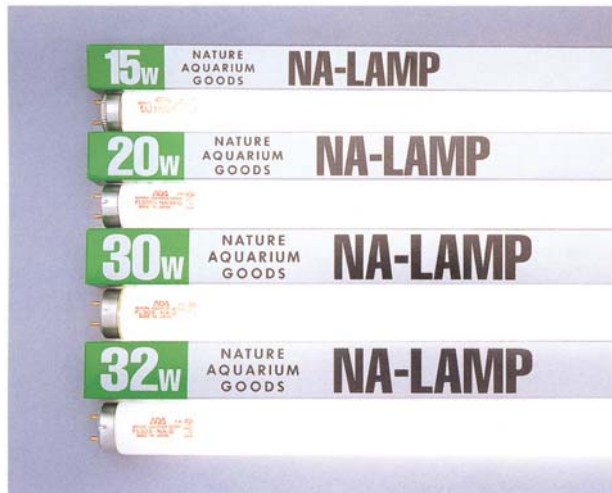
108-036

It is a metal halide lamp HQL with a 'cold' color temperature (8000k°). Furthermore its lighting spectrum has a high green color value, which is typical of all ADA lamps.



## NA Lamp

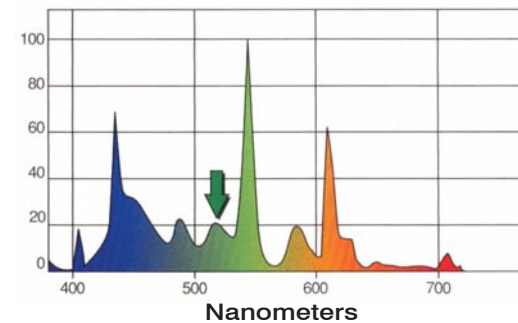
In search for the best light for their health and their natural beauty, we came to realize the importance of research on the natural habitats of aquatic plants. Based on thorough field research of sunlight especially in tropical regions, we succeeded in the invention of the optimum lighting system for the photosynthesis of aquatic plants. NA Lamp at an 8,000 Kelvin colour temperature, is the result of such research. Our basic concept is a high technology lighting system that meets the demand of aquatic plants.



108-010 / 15W / Length: 44cm (T8Ø)  
108-015 / 20W / Length: 59cm (T8Ø)  
108-016 / 30W / Length: 63cm (T10Ø)  
108-014 / 32W / Length: 83cm (T10Ø)  
108-013 / 40W / Length: 120cm (T8Ø)

### Penetration of light through water in the natural habitat of aquatic plants

In tropical rain forests, hundreds of different kinds of trees and plants grow. Through the thick leaves of those trees, sun light scarcely shines on a river and only for a very limited time in the day. Aquatic plants in their natural habitats, often grow on the river-banks or river beds, waiting for the sunlight to come in. NA Lamp is ADA's original fluorescent tube fine tuned for the best composition of the light spectrum, and designed specifically for the growth of aquatic plants in an aquarium. Set at 8,000 Kelvin colour temperature and with a newly adopted additional green spectrum, NA Lamp brings out the beauty of aquatic plants in an aquarium.



### NA Lamp with green additional spectrum

NA Lamp with an additional green spectrum. The New NA Lamp has the highest peak at 540 nanometer and another peak at 520 nanometer (see the arrow in the illustration above). This new sub-peak is adopted to bring out the most natural colours of the aquatic plants.

