



1. LED illumination lamp AquaLighter
2. Power supply
3. Mouting

Fig. 1

AquaLighter 3 Illumination Lamp User Manual Guide

Dear Sirs and Madams, we thank you for choosing our product. We assure you that you will be satisfied with the work of this illumination lamp. Please, study this User Manual Guide before use, in order to avoid problems connected to its usage.

Intended Use and Specifications of the Product

AquaLighter 3 LED illumination lamp of PRO level is designed to be functioning over the water surface and is used for illumination of the freshwater aquariums. The movable feet allow you to use the illumination lamp for aquariums of different length. The source of illumination of the lamp are bright LEDs of the latest generation, production of the company OSRAM (Germany). Unlike fluorescent tube aquarium lamps, the illumination by AquaLighter 3 creates a dimensional perception of the aquarium, simulating daylight. AquaLighter 3 brings your aquarium to life!

Especially elaborated illumination spectrum of the LEDs lets you successfully maintain a big variety of plants and fish. The illumination lamp has a 3-channel system of illumination sources management and can be controlled by the external AquaLighter Device controller. External controller is connected to the illumination lamp through a FireWire plug connector situated on the butt end part of the illumination lamp.

ATTENTION!

It is strictly forbidden to connect other devices to the controller through external FireWire plug connectors! Such action will bring these devices and the controller out of order.

Technical characteristic

Parameters:	Types:	30	60	90
Voltage + frequency		AC110~230V [50-60Hz] / DC15V/DC24V/DC36V, 2A		
Light temperature, K		6500		
Power, Watt		19	36	52
Luminous flux, Lum		2150	4300	6450
Length, mm		280x75x33	580x75x33	880x75x33

Ingress protection rating - IP40

AquaLighter 3 Illumination Management Channels:

1st Channel - cold-white LEDs (light temperature up to 7500K)

2nd Channel - warm-white LEDs (light temperature up to 3000K), and hyper red LED with a peak emission at wavelengths of 649-666 nm is used. Such wavelength coincides with the absorption peak of chlorophyll A, the most affordable source of energy for the plant growth.

3rd Channel - cold-white LEDs (light temperature up to 7500K)

The illumination lamp can be used for aquariums with the thickness of walls up to 12 mm.

Safety Usage Rules

The device you have purchased is manufactured in compliance with the norms applicable on the territory of Ukraine and European Union. For long lasting and safe usage, please do study the safety rules listed below:

1. This device is designed to be used only within indoor areas and only by its intended use.
2. Voltage rating of the power supply system has to be exactly the same as the voltage rating indicated on the device.
3. It is forbidden to submerge the device into water! Even a short time submersion of the device into water can cause damage and can lead to loss of warranty obligations. It is strictly forbidden to connect to power supply the device which accidentally happened to be submerged in water! If such situations arise, please contact the manufacturer, for the repair of the device and its further safe usage.
4. It is forbidden to use the device if the device or its electrical cord is damaged. It is recommended to check the condition of electrical cord each time before switching it on.
5. Before you switch on the illumination lamp, please make sure it is fixed safely on the walls of aquarium.

Preparation for Work

Take off the protective film from the illumination lamp. Put on the feet on the body of the illumination lamp as it is shown on the Fig. 1.

Assembly and Start up

Place the illumination lamp on the aquarium, moving the feet along the body of the device until you reach the necessary length. When you make sure that the illumination lamp is fixed safely on the walls of aquarium, plug in the plug of the power supply cord into the power supply socket situated on the illumination lamp. The device is ready to use. Connect the power supply block to the power supply system.

Maintenance

The device does not require any special maintenance. If necessary, clean the body of the illumination lamp from residues resting on it with the help of a soft tissue or a sponge.

* LED lamp AquaLighter 3 90 cm also has special fixings sets, with which you can hang the lamp above the aquarium.

Warranty

Manufacturer gives a warranty of 24 months since the purchase date.

The warranty covers damages that appeared due to the fault of manufacturer, i.e. material defects etc. The warranty does not cover damages that appeared due to improper or unintended use of illumination lamp.

Attention! Any trials to change the structure of the device or dismantling of the device that fall out of the scope of regular intended use or maintenance, lead to loss of warranty obligations.

In case improper functioning of the device is detected please contact technical support. Condition for accepting the guarantee is conformity of the date of sale, to the date of the warranty period specified in the warranty card. The present warranty conditions do not exclude, limit or cease the rights of the buyer granted by the applicable legislation of Ukraine and European Union.

YOUR LED LAMP FOR AQUARIUM

AquaLighter 3

Aquarium comes alive!



- 30 cm
- 60 cm
- 90 cm