

How to make aquarium lighting led

LED Light Emitting Diode lighting is the perfect option for marine or freshwater aquarium. Led bulbs do not consume much electricity. Have a long and relatively easy operation. These features allow to reduce operating costs for a long time. Environmentally friendly led lighting contains no harmful chemicals such as mercury or phosphorus, in contrast to fluorescent lamps. You have the opportunity to install led aquarium lighting with his own hands if you use the manual. Look at the fish tank with led light. The first method how to make led aquarium lighting with his own hands is the most simple. Here you can use the cover with a special light. Around the perimeter of the cover is recommended to attach the led strip white color that will give all kinds of facilities and provide uniform illumination of the upper perimeter of the tank. The second method is to make a small chandelier. Above the tank is necessary to make the block square, round or diamond shape which you can put all the equipment and the led strip. Lighting 120 watt power spacious enough for a reservoir with a capacity of 250-300 litres where a lot of fish and plants. A similar chandelier can contain approximately 40 LED lamps with a luminous flux 270 lm lumens 3 watts each. Get the brightness of the lighting 10000 lm that will provide a bright light in the aquarium this volume. Importantly constant monitoring of the ecosystem balance of the excess green light promotes the growth of microbes. What it costs to assemble the lamp, the Cost can be different depending on the seller. It is advisable to buy led bulb from reliable manufacturers so that they lasts a long time and created difficulties during the installation. Reliable imported LED lamp Osram Cree Philips Lumileds. Russian manufacturers of led dump Camelion Jazzway, Gauss, Feron, Navigator Era. To mount the light such light bulbs by yourself need View how to make led lighting for aquarium with their hands. After preparation of all materials along the plastic frame you need to cut two gutters and at the bottom of drill holes of about 20 pieces of 1 metre in a staggered manner. Then the holes you need to put the LEDs and fix them. All lamps must be connected to the power supply. If you don't know how to deal with wiring consult an electrician who can perform the procedure competently. The cooler or fan should be placed at the place of evaporation or heating of the coating lighting. For decorative purposes you can make a night illumination which will be the simulated moonlight. It is needed for tropical marine fish

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