



# GENESIS

.....When the light arouses emotions.

Designed to meet the need for total flexibility of LED colours, **GENESIS** is the new LED pendant which allows to adapt the aquarium lighting to our wishes.

It is the first aquarium lighting which is able to interact freely with its users thanks to its versatile and innovative personality.

It has been produced in modules made in ultra-flat aluminium profiles, allowing to create custom shapes and sizes with solutions both in support to the tank, and in suspension from the ceiling.

Each module wraps and releases a light emission by perfect colour renderings, ensuring, at the same time, the long life of LEDs through an innovative and silent heat dissipation system.



**The main characteristics of GENESIS are:**

LIGHTNESS

Modular lamp made in ultra-flat aluminium profile.

DYNAMIC

Thanks to the compatibility of modular elements, it is possible to achieve huge possibilities of configurations and get unlimited combinations, not only in the shape but also in the size and in the light effects.

INNOVATIVE COOLING

**Genesis** is provided with an innovative cooling system to realize a perfect and silent heat dissipation, ensuring the longest life for LEDs.

GREAT LIGHT DISTRIBUTION

It is equipped with high-performance lenses to distribute in a perfect and uniform way the light performances of LEDs.

RGB and CUSTOM COLOUR TEMPERATURES

Configured with white and blue LEDs, **Genesis** can be provided also with RGB modules. On request it is possible to choose the LED colour temperature among warm white (3500°K), cold white (8500°K) and blue.

In the dimmable version it is possible to create countless combinations of light and colours with perfect RGB colour mix.

LED TECHNOLOGY

**Genesis** has all the advantages of LED lightings, a technology easy to use, environmentally sustainable, by long life and by high safety standards.

Moreover we have chosen "CREE" LED TECHNOLOGY

Our company has been always very careful in the selection of the right materials and use of avant-garde products, that can give the best results in terms of light efficiency and energy savings. For the new **Genesis** we have chosen the latest generation of CREE LED sources, the original and certified ones. The LEDs used are of high-efficiency output up to 139 lm/W, which corresponds to a level three times higher than HQI bulbs in 10.000°K, with exceptional energy savings.

UNIFORM LIGHT SPECTRUM

The LED emission spectrum at "large band", very similar to sunlight, doesn't have peaks and the light is much more uniform than other light sources, such as fluorescent T5 tubes or HQI bulbs. For this reason the LED light is more similar to sunlight and it helps the better growth of corals and of aquatic plants, reducing the proliferation of seaweeds.

NO INFRARED EMISSIONS

LED technology doesn't emit infrared radiations or ultraviolet. This means that the water in the aquarium is not heated from the emission of light of LEDs. As a consequence the aquarium doesn't need to be cooled by a chiller, so granting further energy savings.

LONG LIFE

LEDs used in **Genesis** have a lifetime up to 50.000, working 10 hours per day, so up to 15 years. In this way, beyond the great energy saving, it grants also to save the costs of maintenance.

GENESIS for LINK

**Link** is a programmable system, provided with a software to control, both completely or separately, white, blue or RGB LEDs.

Acting on the three basic colours, it is possible to create countless combinations of colours, from red to yellow to purple.

**Link** is an intelligent device by many functions into an only unit:

- dimmer;
- control of blue, white and RGB LEDs;
- reproduction of colour changing sequences;
- moon phases;
- sunrise and sunset;
- cloudy days;
- flashes.

Moon phases are realized in 14 steps for moonrise, 14 steps for moonset, 1 step for new moon, for a total of 29 days, as in nature.

Thanks to **Link** it is possible to realize unique sceneries where the succession of colour changes and dynamics, of lights and shadows, emphasizes the shapes, creating true masterpieces in the aquarium.



Sizes of Modular Elements:  
The base structure to realize unlimited combinations

| Model (Single Element) | Dimensions [cm] | LEDs   | Power (W) |
|------------------------|-----------------|--|-----------|
| <b>Genesis 30</b>      | 30 x 5,5        | 3 White LEDs 8500 °K or 3 Blue LEDs or RGB   | 10W       |
| <b>Genesis 60</b>      | 60 x 5,5        | 6 White LEDs 8500 °K or 6 Blue LEDs or RGB   | 20W       |
| <b>Genesis 90</b>      | 90 x 5,5        | 9 White LEDs 8500 °K or 9 Blue LEDs or RGB   | 30W       |
| <b>Genesis 120</b>     | 120 x 5,5       | 12 White LEDs 8500 °K or 12 Blue LEDs or RGB | 40W       |
| <b>Genesis 150</b>     | 150 x 5,5       | 15 White LEDs 8500 °K or 15 Blue LEDs or RGB | 50W       |

