



Professional lighting systems for aquariums

8811 8821 ECO CHIC

LED eco chic

A product may be "eco" – that is, economical, ecological, good value and at the same time stylish and "chic". The TUNZE® LED eco chic lights for fresh water and sea water combine both attributes in highly effective and perfectly designed lighting for aquariums at a very reasonable price.

The eco chic LED lights with protection class IP 68 operate permanently in the air but also under water. The special manufacturing process doesn't just guarantee the water resistance, it also enables the permanent underwater operation which also relieves the pressure on the aquarium heater. This underwater lighting avoids light reflections on the water surface making the lighting source even more efficient. An immersion depth here of 1 to 2 cm (.4" - .8") is more than adequate. A compact housing has been developed through the use of the latest components. This can be attached flexibly using the Magnet Holder. Operation with extra-low safety voltage ensures risk-free underwater use without electrical losses. The built-in overheating protection as a safety function ensures that the performance of the lamps is gradually reduced from 10 W to 7 W at temperatures of approx. 25°C (77°F).

The total consumption is approx. 10 W, power supply 100-240V/50-60Hz.

Can be used under water and in the air.

Including Magnet Holder for a glass thickness up to 10 mm (3/8").

Dimensions without the bracket (L x W x H): 305 x 25 x 13 mm (12" x 1" x .7")

Cable length: 1.5 m (59").

This lamp contains built-in LED bulbs. The bulbs in the lamp can not be replaced.

LED marine eco chic 8811

Geeignet für Steinkorallenaquarien bis ca. 20 Liter und Weichkorallenaquarien bis ca. 40 Liter.

Ausgestattet mit 15 weißen LEDs 6.500 K und 15 blauen LEDs 455 nm. Diese Kombination ergibt eine Farbtemperatur von etwa 25.000 K und 470 lm.

LED white eco chic 8821

Suitable for soft coral aquariums and freshwater aquariums up to approx. 60 liters (15.8 USgal.). Equipped with 30 white LEDs with 840 lm and a color temperature of approx. 10,000 K.

8831 ECO CHIC refugium

LED eco chic refugium

In seawater, Chaetomorpha algae are an excellent economical and easy alternative to many chemicals or resins to eliminate nitrates and phosphates from the aquatic biotope. Thus, it is absolutely sufficient to harvest a handful of algae from time to time to maintain the biological balance in the aquarium. Najas Grass, Najas guadalupensis, can be grown to purify freshwater systems, such as cichlid biotopes. Due to its light spectrum, the TUNZE® LED eco chic refugium 8831 is especially suitable for refuge and basin for algae growth in seawater and plant growth in freshwater and filtering tanks.

LED eco chic refugium 8831

Spectrum especially suitable for refuge and basin for algae growth in seawater and plant growth in freshwater. The total consumption is approx. 9 W.

8850 FULL SPECTRUM

LED full spectrum 8850

The LED full spectrum 8850 is equipped with 76 1-watt LEDs with Ultra Low Current Technology, cold white, blue LEDs (450 nm), as well as green and red LEDs for an adjustable light spectrum with a color temperature that appears similar to 8,000 to 25,000 K, but also up to pure blue light. Through the use of state-of-the-art components, a small housing was developed which can be flexibly attached with the Magnet Holder. The special manufacturing process doesn't only guarantee the water resistance, it also enables the permanent underwater operation. Hereby, it increases its performance to 26 W and thus relieves the aquarium heater. The functionality to perform a contact free adjustment of the spectrum with the included Magnet Holder has also been added. Any color temperature from 5,000 K can be set. The air-cooled LED always regulates itself to the maximum output power of 10 W for every spectrum. 24 V low voltage minimizes electrical losses.

LED full spectrum 8850

Suitable for stony coral aquariums up to approx. 60 liters (15 USgal.), soft coral aquariums up to approx. 100 liters (26 USgal.), and freshwater aquariums up to approx. 120 liters (31 USgal.).

Equipped with 76 1-watt LEDs with Ultra Low Current Technology.

Cold white, blue LEDs (450 nm), green and red LEDs for an adjustable light spectrum with a color temperature that appears similar to 8,000 to 25,000 K, but also up to pure blue light.

Manual adjustment with included magnet holder, alternatively with separately available Multicontroller 7097 or SmartController 7000.

Can be used permanently under water (improved cooling) with max. performance of 26 W (approx. 25,000 K).

In the air, the light adjusts to approx. 10 W. Power supply 100-240V/50-60Hz.

Including Magnet Holder for a glass thickness up to 12 mm (1/2").

Dimensions without the bracket (L x W x H): 305 x 25 x 13 mm (12" x 1" x .7")

Cable length: 2.5 m (98.4")

This lamp contains built-in LED bulbs. The bulbs in the lamp can not be replaced.

