

AquaRay AquaBeam 1000 HD Ultra Lighting Tile

Ultra high density LED lighting unit which uses custom optics and the latest and brightest generation of CREE® XR-E PowerLEDs available specially selected for AquaRay products

- Delivers high LUX and PAR values which means it is suitable for all marine set ups including reef tanks incorporating LPS and SPS hard corals.
- Suitable as an alternative to metal halides.
- Very compact - just 20 x 20cm - and suitable for all aquarium types including nano and other smaller tanks.
- Cool running with low heat transfer to aquarium water reducing the need for expensive cooling systems.
- Suitable for installation in aquarium hoods.
- Offers a minimum of 50,000 hours lamp life - 6x standard fluorescent lighting.
- Versatile mounting fixtures included, allowing a wide variety of replacement, retrofit and new install options on all sizes of aquaria.
- Low running costs and environmentally friendly - long-life, very low carbon footprint and NO MERCURY.
- Future-proofed with built-in capability and compatibility for digital control including timing and dimming.
- Sealed, water-resistant casing and a low DC voltage power supply makes AquaRay easy and safe to use in all conditions.
- Designed and manufactured by Tropical Marine Centre in the EU.
- Available in Marine White (10 x 14,000K white LEDs) and Reef White (7 x 14,000K white LEDs and 3 x 50,000K blue LEDs), with or without an AquaRay Control unit.
- 5 year guarantee.
- MMS compatible!.
- Version for planted tanks - the GroBeam 1000 ND is also available - please click here for further details



1902-EU UJ AquaBeam 1000 Ultra HD Marine White EU - NEW (without Controller)	€330.00
1903-EU UJ AquaBeam 1000 Ultra HD Reef White EU - NEW (without Controller)	€330.00
1830 UJ AquaBeam Suspension Bracket Kit	€11.50
AQBPSU/2OPEU UJ Aqua Beam Twin Output PSU	€24.50
AQBPSU/1OPEU UJ AquaBeam Single Output PSU - EU	€22.50

Nota:

Preços indicados meramente informativos e sujeitos a alteração sem aviso prévio.

AquaRay AquaBeam 500

The AquaRay AquaBeam 500 is a compact, 12w LED lighting strip - an affordable, modular design which gives the aquarist the flexibility to add on modules as required. This is available in the following combinations:-



AquaBeam 500 Single: 1 x12w aquarium lighting strip.

AquaBeam 500 DuoTwin: 2 x 12w aquarium lighting strips (same colour).

Both Available in:

- Tropical White
- Full Spectrum
- Natural Daylight
- Marine White
- Reef White
- Marine Blue
- Reef Blue

AquaBeam 500 Duo Combo: 2 x 12w aquarium lighting strips (different colours).

Application	Tank Depth			
	12"/30cm	16"/40cm	18"/45cm	24"/60cm
Tropical Fish	Tropical White ○○○○○		Full Spectrum ●○○○○	
Tropical Fish or Plants	Full Spectrum ○○○○○		Natural Daylight ●○○○○	
Marine Fish	Natural Daylight ●○○○○		Marine White ○○○○○	
Marine Reef	Marine White ○○○○○		Reef White ●●●●●	
Coral Booster	Marine Blue ●●●●●		Reef Blue ●●●●●	

Available in: • Tropical White/Marine White • Marine White/Reef Blue

- Uses the latest generation CREE® XR-E PowerLEDs, specially selected for AquaRay Products.

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- MMS compatible!

1803-EU UJ GroBeam 500 Natural Daylight Single EU - NEW	€ 126.50		
1804-EU UJ AquaBeam 500 Marine White Single	€ 139.50		
1805-EU UJ AquaBeam 500 Reef White Single	€ 139.50		
1806-EU UJ AquaBeam 500 Marine Blue Single	€ 139.50		
1807-EU UJ AquaBeam 500 Reef Blue Single	€ 139.50		
1810-EU UJ GroBeam 500 Natural Daylight Twin EU - NEW	€ 235.00		
1811-EU UJ AquaBeam 500 Duo Marine White Twin	€ 146.06	Sett	€ 265.00
1814-EU UJ AquaBeam 500 Duo Reef Blue Twin	€ 146.06	Sett	€ 265.00
1816-EU UJ AquaBeam 500 Duo Mar.Wh/ Reef Blue Combo	€ 146.06	Sett	€ 265.00
1817-EU UJ AquaBeam 500 Duo Reef.Wh/ Mar Blue Combo	€ 146.06	Sett	€ 265.00

Nota:

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GroBeam 500 Lighting Strip

- Creates a natural shimmering effect.
- Perfect for planted tanks and tropical aquariums.
- Uses the latest and brightest generation of PowerLEDs available.
- Offers a minimum of 50,000 hours lamp life - 6x standard fluorescent lighting.
- Low running costs and environmentally friendly - long-life, very low carbon footprint and No Mercury.
- Cool running with low heat transfer to aquarium water reducing the need for expensive cooling systems.
- Light-weight and compact design, with versatile mounting fixtures included, allowing a wide variety of replacement, retrofit and new install options on all sizes of aquaria.
- Sealed, water-resistant casing and a low DC voltage power supply makes AquaRay easy and safe to use in all conditions.
- Future-proofed with built-in capability and compatibility for digital control including timing and dimming (digital control not included).
- Designed and manufactured by Tropical Marine Centre in the EU



1803-EU UJ GroBeam 500 Natural Daylight Single EU - NEW

€126.50

1810-EU UJ GroBeam 500 Natural Daylight Twin EU - NEW

€235.00

Nota:

[Preços indicados meramente informativos e sujeitos a alteração sem aviso prévio.](#)

GroBeam 1000 ND Lighting Tile

- Full spectrum Natural Daylight - 6500K.
- Uses the latest and brightest generation of CREE® XP-E Compact PowerLEDs available, specially selected for AquaRay products.
- Perfect for planted tanks, tropical aquariums and specialist indoor plants.
- Creates a unique, natural effect.
- Wide-angle beam for optimum and even light distribution.
- Offers a minimum of 50,000 hours lamp life - 6x standard fluorescent lighting.
- Low running costs and environmentally friendly - long-life, very low carbon footprint and No Mercury.
- Cool running with no noisy fans and minimal heat transfer to the aquarium water, reducing the need for expensive cooling systems.
- Light-weight and compact design, with versatile mounting fixtures included, allowing a wide variety of replacement, retrofit and new install options on all sizes of aquaria.
- Future-proofed with built-in capability and compatibility for digital control including timing and dimming.
- Sealed, water-resistant casing and a low DC voltage power supply makes AquaRay easy and safe to use in all conditions.
- Designed and manufactured by Tropical Marine Centre in the EU.
- 5 year guarantee.
- MMS compatible!



1901-EU UJ AquaRay/AquaGro GroBeam 1000 EU - NEW (without Controller)

€278.50

Nota:

[Preços indicados meramente informativos e sujeitos a alteração sem aviso prévio.](#)

AquaRay Lighting Controller

- Two channel dimming control.
- Simple user interface.
- Easily create sunset, sunrise, daylight & moonlight phases.
- Compact design for easy mounting.
- Uses a real time clock for accurate timing.
- Compatible with all AquaBeam products.
- 2 year guarantee



1899 UJ AquaRay 2 Channel Controller - NEW

€ 120.00

Nota:

[Preços indicados meramente informativos e sujeitos a alteração sem aviso prévio.](#)

AquaRay Solid State Lighting - Introduction

AquaBeam 500 Lighting Strip

AquaBeam 1000 HD Ultra Lighting Tile

AquaRay Controller

AquaRay Modular Mounting System

GroBeam 500 Lighting Strip

GroBeam 1000 ND Lighting Tile



What is Solid State Lighting?

Solid State Lighting (SSL) refers to a type of lighting that utilises light-emitting diodes (LEDs) as sources of illumination rather than electrical filaments or gas. The term "Solid State" refers to the fact that light in an LED is emitted from a solid object - a block of semiconductor - rather than from a vacuum or gas tube, as is the case in traditional incandescent and fluorescent lamps. Unlike these traditional lighting systems however, SSL creates visible light with reduced heat generation or parasitic energy dissipation leading to greater efficiency and lower energy costs. In addition the solid state nature of LED technology provides for greater resistance to shock, vibration and wear thereby increasing its lifespan considerably to more than 5x that of traditional lamp units.

What are the Benefits of AquaRay Solid State Lighting Systems?

AquaRay Solid State Lighting Systems have so many advantages over traditional lighting systems and can be used on all types of aquarium setups, from tropical to reef tanks. When you first install an AquaRay light unit above your tank you will immediately see the main benefit of this new technology. Unlike fluorescent lamps, AquaRay lighting delivers a directed, or "point" source of light, and the passage of this light through water is comparable with what would be seen in nature under direct sunlight. In other words, visible beams of light will pierce the water and reflect the movement of the water surface, producing a more natural and eye-catching effect in the aquarium itself. Until now, this effect could only be replicated with very powerful (and expensive) light sources such as metal halides.



Tank with 1 x Reef

White AquaBeam 500 lamp unit

This effect is further enhanced by the contrast and moving shadows that are created on surfaces and aquarium décor in the aquarium - for the first time you will really feel you have a piece of the Amazon or the Great Barrier Reef in your own living room!

The benefits you will enjoy from ownership of an AquaRay Solid State Lighting System do not stop there. You will be helping to reduce your own future impact on the native environments of your tank inhabitants by investing



- Up to 50,000 hours lamp life (equivalent to 6x standard fluorescent lighting) with no significant deterioration in spectral quality and less than a 20% reduction in light output.
- Low voltage and cool running. Uses a safe, low voltage DC supply, requiring no noisy fans and ensuring minimal heat transfer to the aquarium water, reducing the need for additional cooling systems.
- Highest useable and visible output of light per unit of energy consumed (all visible and directed). Tests have shown that a 12w AquaBeam produces up to 33% more illumination at 50cm than a 24w compact fluorescent aquarium fitting.
- Lowest running costs and carbon footprint of any lighting system available. An AquaBeam 500 lamp unit will cost less than £7 per year to run and will operate under normal aquarium conditions for up to 10 years before needing replacement. All AquaRay products are made by TMC in the UK, reducing unnecessary transport costs and further lowering the carbon footprint of your lighting system. They are also environmentally safe, using NO MERCURY and are backed by a 5 YEAR GUARANTEE (1 year on power supply).



- Reduced light spillage around the aquarium with all the light directed to the aquarium, without scatter from inefficient reflectors and large, clumsy light fittings.
- Unique light-weight, waterproof design and flexible mounting options including over tank hanging and wall mounting, making them suitable for replacement, retrofit and new install.
- Future-proofed to include digital capability and compatibility. Unlike most fluorescents and metal halides, AquaRay Light Units have the capability to be digitally controlled and future AquaRay developments will include timer functions, dimming and colour changing to suit your mood and application.

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