

## WARNING :

This manual contains information on the safety measures and precautions to be taken before product installation and start-up. Please read them carefully before installing and starting up the product.  
Keep this manual as a reference for future use.

In case of non-compliance with these instructions on product installation, start-up and operation, the manufacturer shall not be liable for any damages to persons, to the product or the installation, and the product warranty will become null and void.

## ELECTRICAL / ENVIRONMENTAL CHARACTERISTICS :

**Power supply :** 12V AC 50/60Hz

**Consumption :** 18W (315RGB) / 14W (252RGB)

**Number of RGB programmes :** 17

**Storage of last programme :** Yes

**Lifespan :** 50,000 hours - validated

**IP rating :** 68 at 1 meter

**Maximum altitude of use :** 2,000 m

**Control mode :** 1 second power cut

**Energy :** Class A

**Dimensions :** PAR56 - 178 x 144 mm

## SAFETY WARNING :

The people in charge of product installation and start-up must be duly qualified for this type of work : approved/qualified technician or technician qualified for swimming-pool maintenance. Please ensure full compliance with the accident prevention standards in force.



Prior to any operation, the product must be shut down and isolated from the power supply.

## ELECTRICAL CONNECTION :

- To ensure correct installation, the power supply to the lights must be protected by a 30mA differential circuit breaker.
- The lights must be connected to a toroidal power transformer generating a 12V AC safety voltage. The transformer must comply with standard EN 61558-2-6. No other type of transformer can be used.
- The voltage of the transformer must be appropriate to the number of underwater pool lights and the total power used.
- The lights must be connected using copper wire with minimum cross-section 2x1.5mm².

## Connection of lights using terminal blocks :

Connect the cable going to your PAR56 support directly to the screw terminal blocks at the back of the lamp. If not already installed, use M5 eyelet connection terminals.

## Connection of lights using electrical cable :

Connect the cable at the back of the light to a junction box located near your pool. Use a domino or terminal block type connection. Seal the junction box, using bi-component resin preferably.

## ASSEMBLY :

This light replaces the 300W filament lights in the PAR56 supports.

- Prior to any operation, stop and disconnect the power supply to the lamp.
- Remove the filament lamp from its support, **outside the pool**.
- Change the O-ring of your PAR 56 support if the lighting has already been used.
- Install the POOL LIGHT and connect it to the power supply (Ref. paragraph ELECTRICAL CONNECTION).
- Ensure the gland of the PAR56 support is correctly tightened.
- Grease the LED base (using silicone grease for example)
- Screw the lamp back on the PAR56 support and check for the absence of leaks.
- Reinstall the system in the pool. Ensure the marking TOP on the lamp is in the 12 o'clock position.

## CONTROL :

The light is controlled using the switch on the electrical box or a radio control device suitable for this type of use (TLC-3 or LED-TCO).

There are 17 programmes, including 7 fixed colours and 9 automatic colour change programmes.

- Each power cut lasting less than 2 seconds results in programme change.
- With each power cut lasting 2 to 4 seconds, the system returns to programme N°1 (blue colour). This programme is useful in case of light de-synchronisation, or when starting-up the installation.
- With each power cut lasting more than 4 seconds, the system re-starts the last recorded programme.

Press	PROGRAMME	Press	PROGRAMME	Press	PROGRAMME	Press	PROGRAMME
1 <sup>st</sup>	Blue	5 <sup>th</sup>	Blue Lagoon	9 <sup>th</sup>	Fading (15 sec.) Colours A1 to A7	13 <sup>th</sup>	Fading 2 Blue Lagoon
2 <sup>nd</sup>	Red	6 <sup>th</sup>	Emerald Green	10 <sup>th</sup>	Fading 1 Azure Blue	14 <sup>th</sup>	Fading 2 Emerald Green
3 <sup>rd</sup>	Green	7 <sup>th</sup>	White	11 <sup>th</sup>	Fading 1 Emerald Green	15 <sup>th</sup>	Fading 2 Azure Blue
4 <sup>th</sup>	Azure Blue	8 <sup>th</sup>	Dynamic (4 sec.) Colours A1 to A7 → Disco → Slow from A3 to A1	12 <sup>th</sup>	Fading 1 Blue Lagoon	16 <sup>th</sup>	Disco