

**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 :** 14W LP252B / 18W LP315B

**Number of programmes :** 1

**Lifespan :** 50 000 hours - validated

**IP rating :** 68 at 1 meter

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

**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 a copper wire with minimum cross-section 2x1.5mm<sup>2</sup>.

**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).

- Only one colour emitted by this lamp : cold white.

**SAFETY WARNING :**

Prior to any operation, make sure the main power supply is switched off.

Do not handle with wet feet.

Ensure full compliance with the accident prevention standards in force.

In this respect, the standards IEC 364-7-702 must be complied with : Electrical installations of buildings, Special installations – Swimming pools.

The persons in charge of product installation must be duly qualified for this type of work.

**These lights must be used in warm water only, ensuring sufficient lamp cooling.**

**COMPLIANCE WITH STANDARDS :**

Our products comply with the following standards :

- |  |   |
|--|---|
| - EN 55015 : 2013  | EN 60598-1 : 2008 + A11 : 2009                  |
| - EN 61547 : 2009  | EN 60598-2-18 :1994 + A1 : 2012                 |
| - EN 61000-3-2 : 2006 + A1 : 2009 + A2 : 2009                          | EN 62493 : 2010                                 |
| - EN 61000-3-3 : 2013  | EU N° 1194/2012                                 |
|  | (except LP 252 B, not covered by this standard) |
| - EU N° 874/2012 – Energy labelling of electrical lamps and luminaires |   |



**FAQ :**

**The lights do not work :**

- Check the power supply of the lamps at terminal block level, at the back of the product (or the connection box in case of cable connection). The voltage must be 12V AC +/- 10%
- Make sure you are not using an electronic transformer, which is not compatible with our LED lights. You must use a toroidal power transformer with an output voltage of 12 V AC.

**What type of maintenance is required for the product ?**

- No particular maintenance is required for this product.

**After the validated 50,000 operating hours, will the light stop working ?**

- No. The light can last longer than 50,000 hours. However, there may be a reduction of the lighting power density.

**The lights come back unexpectedly, without any apparent reason :**

- This has nothing to do with the light, but with the control system (electrical box / radio module). A check of the product condition and operating mode is necessary.

# Énergie

Fabricant **WA Conception**  
Modèle LP252 RVB / LP 315 RVB

Économe



Peu économe



## ENERGY

Manufacturer  
Model

**WA Conception**  
LP252 B / LP 315 B

More efficient

Less efficient

**Our LED PAR56 POOL LIGHTS are covered by a two-year warranty.**

LP 252 B / LP 315 B Manual - V5 (03/2015)

