

## > Installation guide

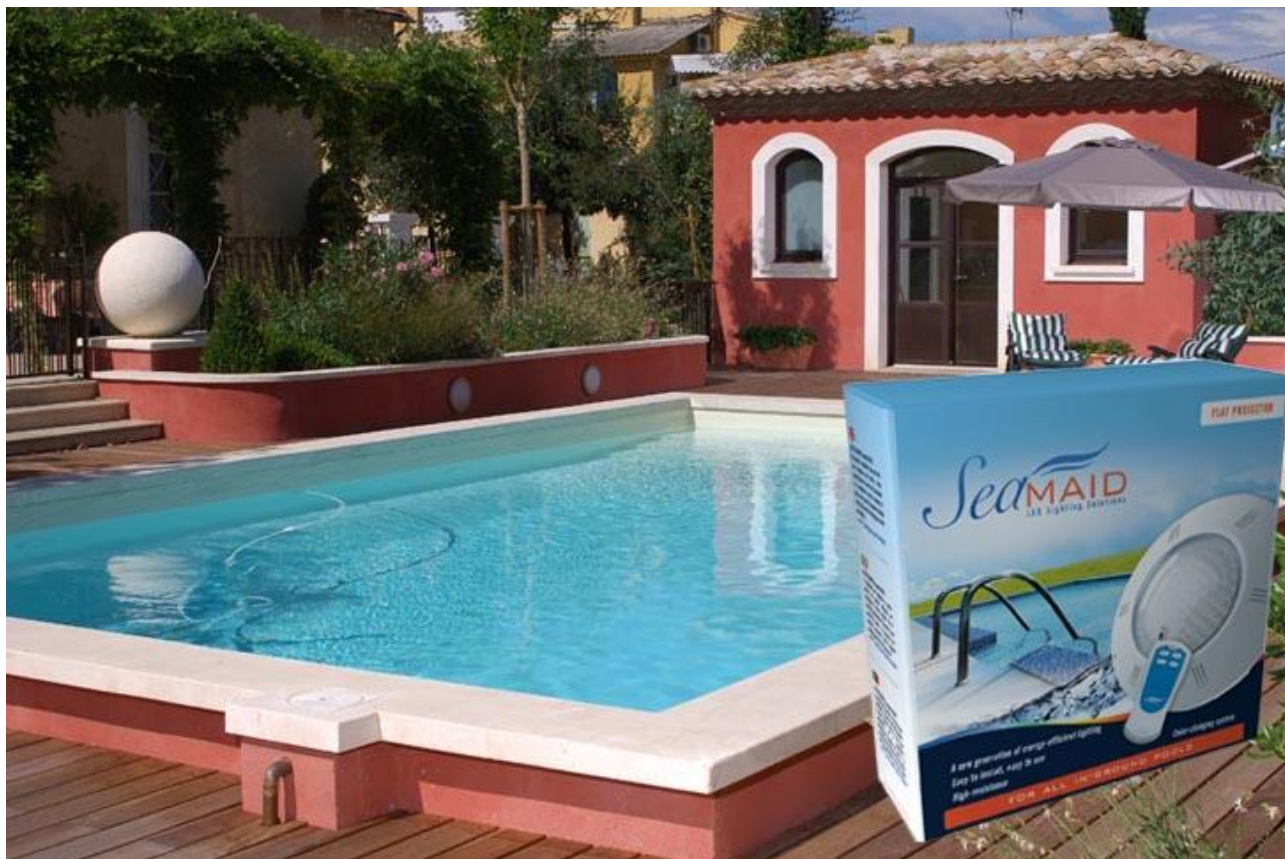
You just bought the **Flat projector colour OR white** from the SeaMAID range. Thank you for your trust. Follow this guide and the online video for an easy and quick installation.

## FLAT PROJECTOR

TO BE SCREWED ON A 1,5' VACUUM  
FITTING

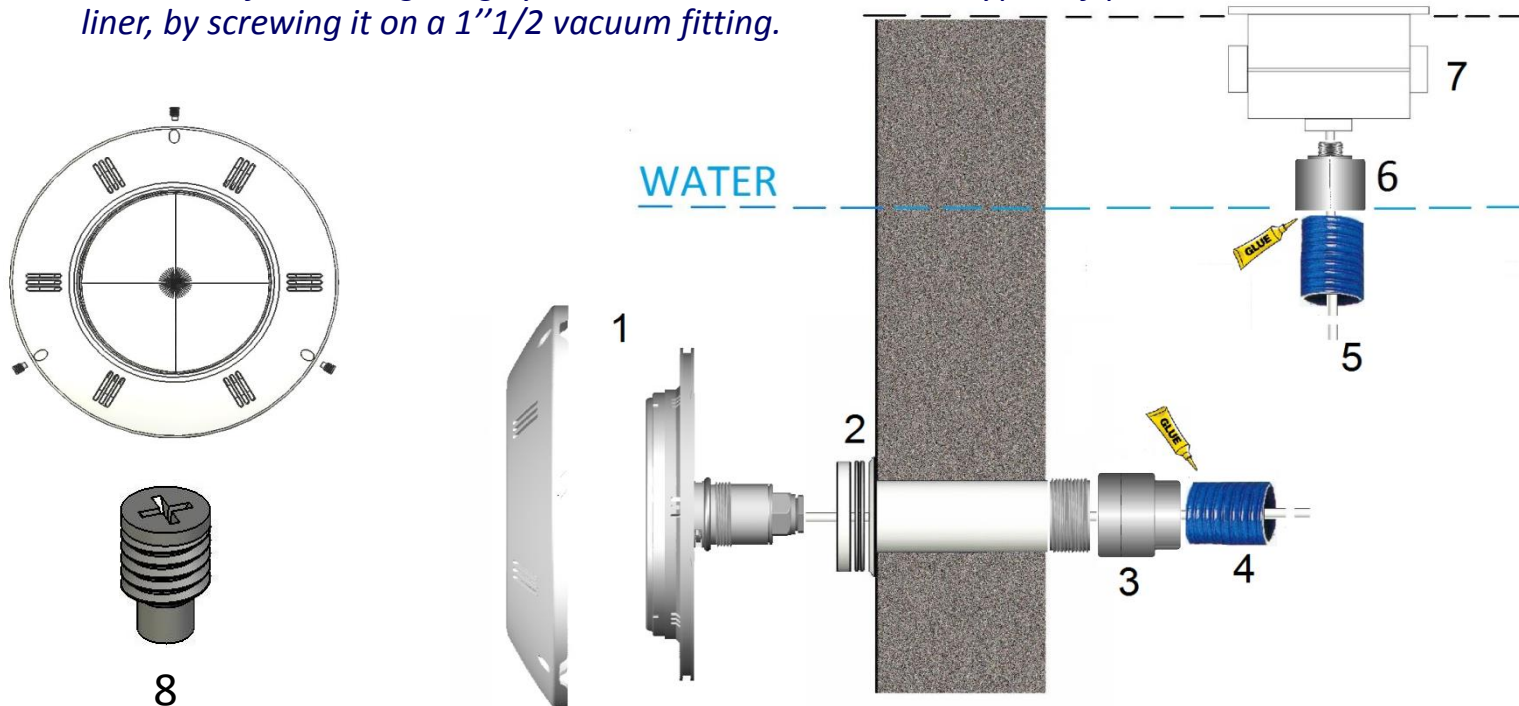
References White 501160 and 501177

References RGB 501184 and 501191



## > Presentation of the product

*This ~12V flat LED lighting system can be installed in all types of pools, with or without a liner, by screwing it on a 1 1/2" vacuum fitting.*



Projector	1,5' vacuum fitting	Adapter F2"/F50	PVC conduit Ø 50mm	Cable	Adapter F50/M <sup>3</sup> / <sub>4</sub> "	Junction box	Cover screw
1	2	3	4	5	6	7	8

## > Installation

*A step by step assistance*



## Recommendations

Before any installation, **it is important to provide a 1"1/2 vacuum fitting compatible with the screwing method.** Be sure that the wall inlet corresponds to the type of pool structure and does not leak. **Do not use in an above ground or freestanding pool.**

The wall inlet must be connected to a junction box by a waterproof conduit. The cable must pass through the conduit and connect to a ~12V power supply in a connection box fed by **a safety isolating transformer** with a power higher by at least 20% to the total of all connected projectors.

Using other types of transformer is prohibited. It is important to tighten the back gland nut otherwise it may cause irreversible damages.

**Handle the projectors with care and on a clean cloth support.**



## > Installation *A step by step assistance*

**Caution: use the black gasket with the size adapted to the vacuum fitting to maintain the projector position after screwing**

1. Before any operation, turn off the ~12V power supply from the safety isolating transformer.
2. Screw the SeaMAID adapter (3) at the back of the wall inlet (2), diameter 50mm
3. Screw the SeaMAID adapter (6) at the back of the junction box (7). (thread  $\frac{3}{4}$ " )
4. Glue the PVC conduit (4) at the back of adapters 3 and 6.
5. Pass the cable (5) through the inlet fitting, to the junction box and tight it up. (a grommet can be useful).
6. Unscrew the 3 screws (8) of the projector front cover (1) and take it off.
7. Screw the projector(1) by hand into the vacuum fitting (2) till complete blockage
8. Replace the front cover by screwing the 3 screws in the U shaped support.
9. Check the cover stays free of movement with hand action
10. Connect the cable to the ~12V power supply in the junction box using waterproof connectors
11. Wrap the remaining cable into the junction box and close it. (This operation allows an easy projector disassembly in case of replacement)
12. Switch the ~12V power on, the projector lights



## > Use

*RGB 501184 model, 16 programs with remote controller*



Manual program including **11 static colours and 5 controlled atmospheres** with the provided remote controller.

> The use of the remote controller requires a positioning face to the lamp at a **maximum distance of 10 meters**, unfolded antenna. Metallic part close to the projector or a too deep immersion (max 1 meter) may restrict the remote controller use at a very short distance.

In this case, it is also possible to change programs using the on/off switch of the electric supply power of the projector. A cut of the current of less than 2 seconds makes the program change. After a cut of the current for over 10 seconds, switch on restarts from the last program used

> To control several lamps, it is possible to use a **~12V radio switch** installed at the output of the **~220V/12V toroidal transformer**.

For its first use, the remote controller needs to be paired with the projector(s) installed in the pool.

### Recommendations :

In all cases, refer to the leaflet provided with the product.

In case of difficulty during the installation or use, it is recommended to watch **the installation video** and to read the **FAQ** on our website.

## > Remote controller

*RGB 501184 model*



### Buttons functions :

- O > Off/On
- S > Synchronization
- C > Colour selection
- P > Programs sélection



### For the first remote controller use, it is necessary to pair it with the projector

1. Insert the provided battery in the remote controller; press each button and check that the red LED lights
2. From the general power supply, switch on the projector
3. Switch off the projector and count more than 20 seconds to switch it on again
4. Make fast Off/On twice and switch on the projector
5. Press the buttons O et S together on the remote controller
6. The projector flashes several times and stays on, the pairing process is confirmed.

## > Use

*RGB 501191 model, 16 On/Off programs*



Manual program including **11 static colours and 5 controlled atmospheres**

- The RGB flat projector On/Off control is manual, using the on/off switch of the projector power. A cut of the current of less than 2 seconds makes the program change. After a cut of the current for over 10 seconds, switch on restarts from the last program used.
- For the first use, the projector lights on the program 1 (all LED lit). Then you go to the 11 static colours, followed by 5 automatic programs.
- It is as well possible to use a ~12V radio switch and install it on the ~220V/12V safety isolating transformer output.
- To be synchronized on the On/Off manual mode, the projectors must be connected to the same power supply.

### Recommendations :

In all cases, refer to the leaflet provided with the product.

In case of difficulty during the installation or use, it is recommended to watch **the installation video** and to read the **FAQ** on our website.

## > Use

*WH 501139 model, 3 intensities with remote controller*

Manual program including **3 controlled intensity levels** with the provided remote controller.

> The use of the remote controller requires a positioning face to the lamp at a **maximum distance of 10 meters**, unfolded antenna. Metallic part close to the projector or a too deep immersion (max 1 meter) may restrict the remote controller use at a very short distance.

In this case, it is also possible to change programs using the on/off switch of the electric supply power of the projector. A cut of the current of less than 2 seconds makes the program change. After a cut of the current for over 10 seconds, switch on restarts from the last program used

➤ To control several projectors, **it is possible to use a ~12V radio switch installed at the output of ~220V/12V the toroidal transformer.**

For its first use, the remote controller needs to be paired with the lamp(s) installed in the pool.



### Recommendations :

In all cases, refer to the leaflet provided with the product.

In case of difficulty during the installation or use, it is recommended to watch **the installation video** and to read the **FAQ** on our website.



## > Remote controller

*WH 501139 model*



### Buttons functions :

- O > Off/On
- S > Synchronization
- C > Colour selection
- P > Programs selection



### For the first remote controller use, it is necessary to pair it with the projector

1. Insert the provided battery in the remote controller; press each button and check that the red LED lights
2. From the general power supply, switch on the projector
3. Switch off the projector and count more than 20 seconds to switch it on again
4. Make fast Off/On twice and switch on the projector
5. Press the buttons O et S together on the remote controller
6. The projector flashes several times and stays on, the pairing process is confirmed.

## > Accessories

*Find here the compatible and recommended accessories*



SeaMAID low voltage radio switch:

To control 1 to 12 lamps, choose between the 1 and 4 channel module to install on the ~12V projector(s) power supply



Model 500743



Model 500750

### Recommendations :

Discover the **online** SeaMAID range products

In case of difficulty during the installation or the use, it is recommended to watch **the installation video** and read the **FAQ** on our website.

## > SeaMAID, proof of quality and reliability



> **Quality:** SeaMAID products are developed exclusively by our French R&D team then manufactured in China and marketed after a rigorous quality-control.

SeaMAID products range is **certified TÜV Rheinland** thus proving the safety and quality of the proposed products.

> **Reliability :** Each SeaMAID product is guaranteed 24 months in standard exchange. Thanks to an exclusive development, the optics brings a confort in the use of the products; plastic parts are soldered by friction thus ensuring a perfect seal.