

Watermaid® RGB Pool Light



*Thank you for purchasing a Watermaid® Pool light.
As with all Watermaid® products, it is our goal to provide years of trouble-free operation*

**This product is proudly
DESIGNED AND MADE IN AUSTRALIA**

©2016 Watermaid®

WARNING

To reduce the risk of electric shock, this installation should only be undertaken by suitably qualified person.

Watermaid accepts no responsibility for installations carried out by non qualified persons.

This light must only be powered by an 12V AC – 32V AC Magnetic type transformer

Some States prohibit the use of voltages above 12V.

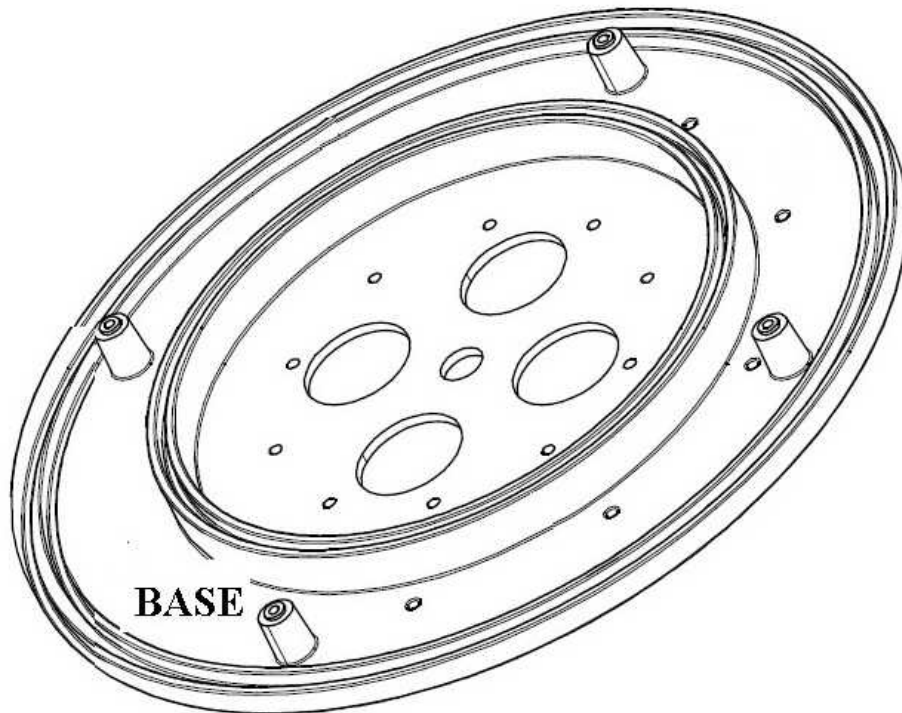
Check with your local authority for requirements in your State or Territory.

Do not attempt to operate this pool light from mains power without an isolating step down transformer within this range.

Ensure that the pool light cable is water-rated with circular-type insulation and that there is sufficient cable to allow work to be done above the water level.

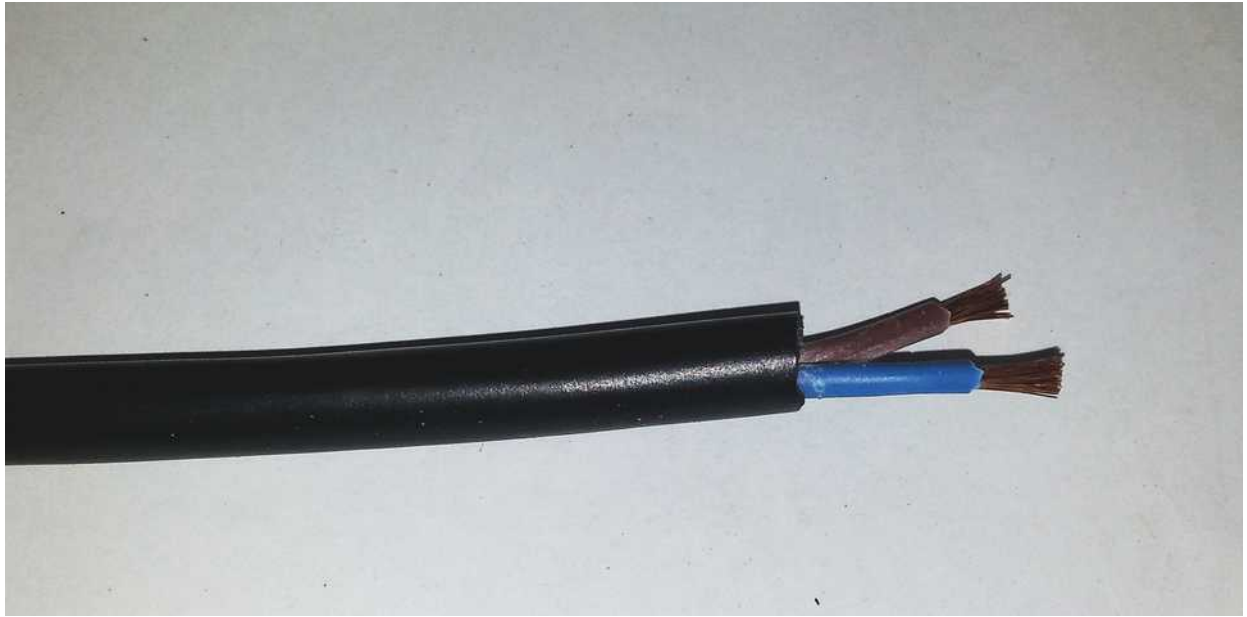
Installation.

- 1. Ensure that the power is removed before any installation is started.*
- 2. Check the power is completely isolated.*
- 3. Feed the light cable through the base plate at a suitable location for your installation. Mount the base plate to the wall covering any previous hole.*

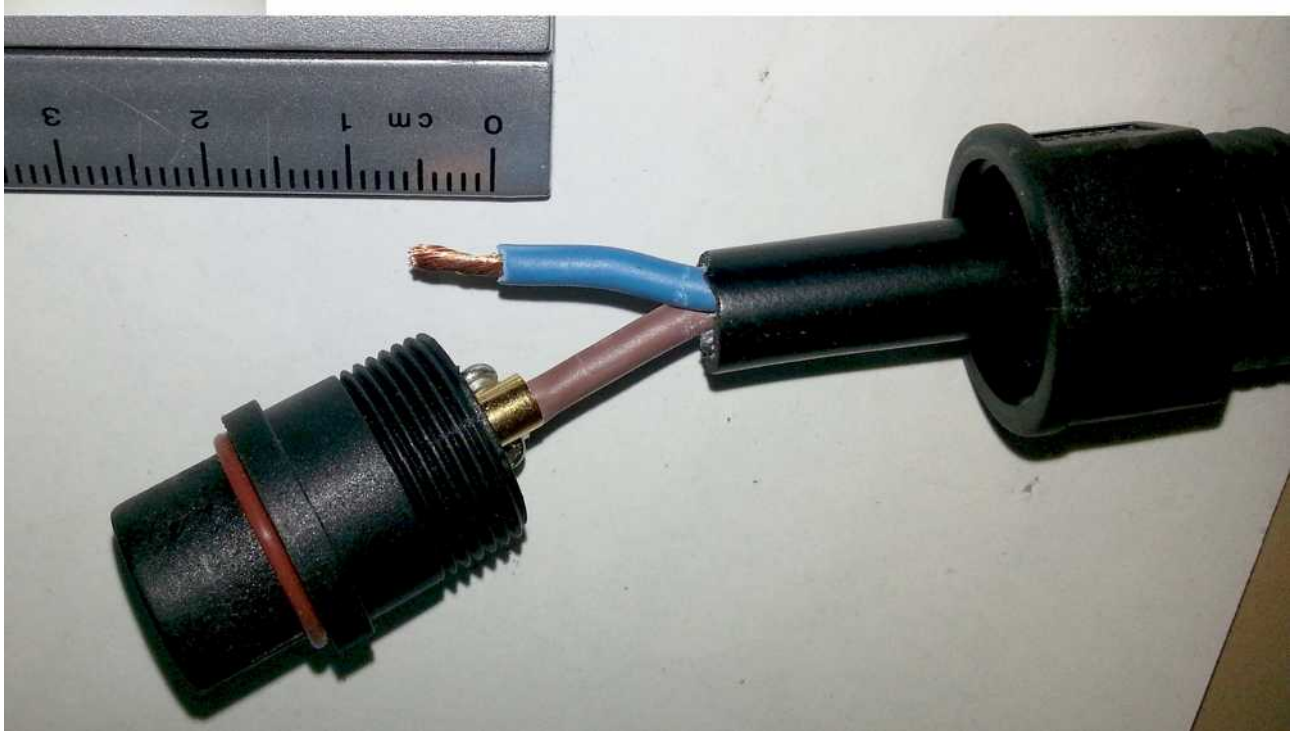


- 4. The base plate has many holes enabling use of a prior installation.*

5. Strip the cable outer sheath insulation jacket 1cm and the wire insulation by 5mm.



6. Fit the low voltage plug to the cable by disassembling the plug and inserting the cable into the gland and compression fitting.



Care must be taken not to lose any O' ring. Do not loosen the screws too much or they may become lost. Only loosen the screws enough to get the wire into the hole before tightening.

8. *Insert the stripped wire and tighten the screws as shown below. Ensure the insulation is not too long as compression on the cable insulation prevents water getting into the plug.*
9. *Tighten the connector starting with the part closest to the screw terminals. Ensure all parts are tight.*



10. *Your connector should look like the following picture.*



11. *Feed any excess cable behind the light itself. The base plate has a raised part to keep the connector and cable behind, so it is not visible.*

12. *Attach the light to the base using the four supplied screws. There is a locating notch at the bottom of the base plate and light. Do up the four stainless steel screws. (Do not overtighten them)*

Below is a parts view of the plug for your reference.



If any screws or O' rings are lost or missing please contact

Watermaid Pty Ltd on (02) 9450 0244

Or your local supplier for a replacement.

The connector O' rings and screws are critical to ensure the life of the cable over time.

Your pool light is a multi coloured LED light. It has the following colour sequence programmed.

White (RGB mixed)

Colour change 1 (Slowest)

Red

Colour change 2

Green

Colour change 3

Blue

Colour change 4 (Fastest)

Turquoise

Purple

Orange

Light Blue

Please note that some colours do not show well in pool water. This is due to the frequency of the light and the surface reflectivity of the walls

Colour selection is achieved by switching the light on and off.

After the fifth time the colour will change.

***The light will always start at white when entering colour change mode
(Revision 2.1 forward)***

***When turning the light on and off, the Off time can be as long as desired
but the on time needs to be short.***

For example: ON for 1/2 a second and OFF for 6 or more seconds

***To keep the colour at the selected choice, leave the light on the
desired colour for 10 seconds***

***The higher the voltage from the transformer (in particular 32V) the
longer off time is more critical as the internal capacitors need time to
discharge this higher voltage before an off detection is recognized
correctly.***

***Your Watermaid® pool light can operate in or out of water and will
not void your warranty or melt if operated without water.***

Remember:

When changing colour:

Keep the

on time short

and

off time long

***Your pool light needs to dissipate the stored energy before it recognizes a
change of state.***

WATERMAID® WARRANTY

Limitation of Liability, Warranties and Guarantees

Limitation of Liability

1. The obligation and liability of Watermaid Pty Limited (“WM”) to you with respect to goods and services supplied and all terms, conditions, guarantees, warranties and representations that might otherwise be implied by statute or otherwise are hereby excluded to the maximum extent allowed by law. Certain legislation, including Schedule 2 of the Competition and Consumer Act 2010, imply guarantees and impose obligations upon WM which cannot be excluded, restricted or modified. Where such statutory provisions apply to the extent which WM is entitled to do so, its liability shall be limited at its option to:
 - (i) In the case of supply of goods, the replacement of the goods or supply of equivalent goods; or
 - (ii) The payment of the cost of replacing the goods or acquiring equivalent goods; or
 - (iii) The payment of the cost of having the goods repaired; or
 - (iv) The repair of the goods.

2. Where such statutory provisions apply, to the extent which WATERMAID® is entitled to do so, its liability shall be limited at its option in the case of the supply of services, to:
 - (i) The supply of the services again; or
 - (ii) The payment of the cost of having the services supplied again.

Consumer

3. The following clause 4 only applies if you are a “consumer” as defined in section 3 of the Australian Consumer Law. It may not apply in your particular case.

Consumer guarantees

4. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Additional Warranties

- 5.1 The benefits to you given by the warranties which appear below, where they apply to you are in addition to your other rights and remedies under a law in relation to goods to which the warranty relates.
- 5.2 Where a valid claim is made under any of the following warranties, WATERMAID® will, at its option:
 - (i) repair or replace the item or the affected part of it; or
 - (ii) wholly or partially recompense you if the item or part of it is defective.

Warranty for the WATERMAID® RGB Pool Light

- 6 WATERMAID® warrants that the WATERMAID® Pool Light shall be free of defects in manufacturing or workmanship for a period of one (1) year from the date of purchase from WATERMAID® or one of its dealers.
- 6.1 Where a WATERMAID® Pool Light is repaired by WATERMAID® after the warranty period has expired, a twelve (12) month defect free warranty applies to any replaced part. This warranty excludes any defect or failure caused by any condition outside the control of WATERMAID®.

- 6.2 If a problem with a WATERMAID® Pool Light occurs within the warranty period set out in clause 6.1, and it is:
- (i) a manufacturing fault – then it will be repaired or replaced (at WM’s option) at no charge;
 - (ii) caused by a condition outside WM’s control, then the cost to repair the Pool Light will be borne by the customer. See clause 7.1(i) for examples of such conditions.

Limitations on above non-statutory warranties

- 7 The warranties as outlined in paragraphs 6, above DO NOT apply:
- (i) To any defect or failure caused by misuse, abuse, electrical faults, or any other event outside WM’s control including incorrect installations, power surges (including lightning strikes), wear and tear, accident, non-observance of installation, operating instructions;
 - (ii) If the product has been serviced by a person not authorised to do so by WM or with non-approved parts;
 - (iii) If any serial number or compliance label has been removed or defaced;
 - (iv) If the product has not been fully paid for or is repossessed under any financing agreements.

Remedies & Solutions

- 8 WM will repair or replace a product within a reasonable time.
- 9 WM reserves the right to charge for any goods or services not covered by any warranty, including freight costs.

To claim under any of the above Warranties

- 10 To be entitled to claim under any of the above warranties you must contact WM as soon as you become aware of the defect and advise WM of the nature of the defect by phone or fax or email and send a warranty claim, a copy of your receipt verifying the purchase, and all subsequent communications in respect of the warranty claim to WM in accordance with its contact details given on the back cover page of the Owner’s Handbook or available from WM’s website www.watermaid.com. If a repair or replacement is made under warranty, the warranty period will not extend past the original expiration date of the warranty. The reasonable expenses you incur in claiming under a warranty are to be borne by you.

The Light contains no user servicable parts, opening the light will void the product warranty.

For customer service or advice, please contact:

WATERMAID PTY LTD

Physical Address:	24 Tepko Road	TERREY HILLS NSW 2084
Postal Address:	PO Box 460	TERREY HILLS NSW 2084

	<u>Within Australia</u>	<u>From Overseas</u>
Phone:	(02) 9450 0244	+61 2 9450 0244
Fax:	(02) 9450 0188	+61 2 9450 0188
Email:	info@watermaid.com	

Rev 2.3 6th January 2016