

WATERCO

water, the liquid of life

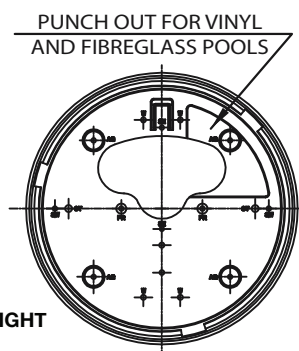
UNDER WATER LIGHT MK4 LED REPLACEMENT

Installation Guide

Waterco's UWL Replacement Kit comes with an adapter plate that can easily replace other major brand of lights.

The major brand of Under Water lights that can be replaced with Waterco's are marked on the adapter plate.

AQ = Aqua Quip
SW = Swimworld
ST = Stroud
SE = Spa Electric
PR = Poolrite



1. Switch off the light and unplug the transformer.
2. Remove the screw securing the light to the mounting bracket. Uncoil the cable at the back of the light and remove the light from the pool.

3. Cut the cable of the existing light where it enters the back plate.



4. Strip the outer insulation by 30mm on the cut cable and strip wires insulation by 6mm. It is important to check the copper wires of the old cable are bright and shiny. Otherwise cut the wires back as above and repeat until bright and shiny copper is shown.



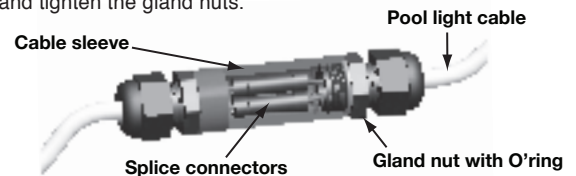
5. Unscrew the gland from the tube connector to expose existing crimped splice connectors and slide the gland over the cut and strip cable making sure the "o" ring is intact. Insert the exposed wires into the splice connector and crimp".

6. Slide the tube over the crimped splice connectors approximately to the middle and screw in the glands and hand tighten with a bit more effort. Do not use tool. Submerge the connector and light under water to check for leaking. If necessary retighten gland nuts and ensure connector is water tight.



7. **Retrofit Connector (IP68).**

Easy to use Retrofit Connector, simply crimp both connections with the splice connectors, slide the cable sleeve over the connection and hand tighten the gland nuts.



Note: If the power cable is 6mm diameter use the smaller joiner tube and gland nut assembly.



Note: If the power cable is larger than 6mm use the larger stepped joiner tube and gland nut assembly.



8. Attach under water light Twist Lock Adaptor Plate to existing pool mounting holes. Secure using screws into the appropriate mounting holes.
9. Wind power cable loosely around back of light. Ensure it is properly retained within securing clips.
10. Fit the light to the Twist Lock Adaptor Plate by aligning the lights locking lugs with the locking slots in the Twist Lock Adaptor Plate. Turn the light clockwise fully into the locked position. Fix light to Twist Lock Adaptor Plate with screw at the top to prevent unlocking.

Note: The Waterco LED Pool Light is supplied with two power cable connectors. The smaller joiner tube and gland nut suits 6mm diameter power cable & the larger stepped joiner & gland nut suits power cable larger than 6mm.



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