

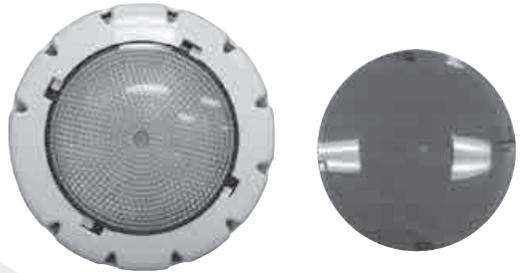
HALOGEN UNDERWATER LIGHT

Owners Manual

Fibreglass Pools

Vinyl Liner Pools

Concrete Walled Pools



⚠ WARNING

This equipment must be installed and serviced by a qualified technician. Improper installation can create electrical hazards which could result in property damage, serious injury or death. Improper installation will void the warranty.



Notice to Installer

This manual contains important information about the installation, operation and safe use of this product. Once the product has been installed **this manual must be given to the owner/ operator of this equipment.**

CAUTION

- Submerge the light in the water before switching it on, to avoid over heating.
- Wind sufficient power cable behind light to allow for removal from the pool for servicing.
- Light must be installed not more than 600mm below top of coping, to allow for removal from pool for servicing.
- Surrounding area has to be clear and unencumbered to allow for adequate space to service the light.
- When switched off, the light should be left to cool for two minutes before switching on again.
- Cutting an underwater section of cable will void the warranty unless done so in conjunction with the underwater light replacement kit.

INSTALLATION CONCRETE WALLED POOLS

- Set conduit for light power cord as normal at 550mm below top of coping.
- Render or marble sheen Wall Ring in wall. Make sure the word "Top" is up.
- Attach under water light Twist Lock Adaptor to Wall Ring with screws.
- Wind power cord loosely around back of light. Ensure it is properly retained within securing clips.

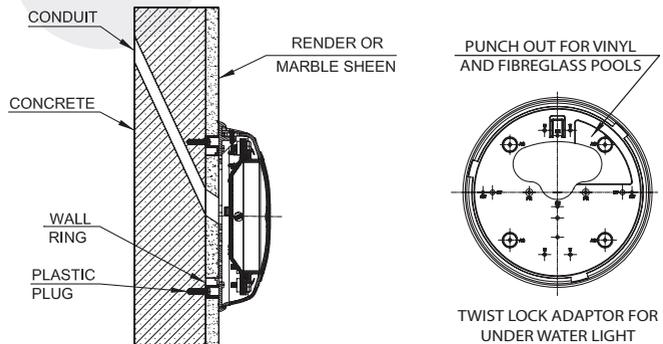


Figure 1

- Feed remaining power cord through conduit.
- Fit the light to the under water Twist Lock Adaptor by aligning the lights locking lugs with the locking slots in the Twist Lock Adaptor. Turn the Twist Lock Adaptor clockwise fully into the locked position. Fix light to Twist Lock Adaptor with screw at the top to prevent unlocking.

INSTALLATION VINYL LINER POOLS

- Drill a 32mm hole in the pool wall (vinyl / fibreglass conversion kit PN 26601 required) at 550mm below top of coping. This is where the power cord will pass through the wall. See figure 2.
- Remove/Punch out blanking section from the under water Twist Lock Adaptor and replace it with Gland Plate. Mark fixing holes in the pool wall for Gland Plate and under water Twist Lock Adaptor. Drill holes to suit screws supplied.
- After fitting liner, slit liner at 32mm hole position. Fit Gland Plate and under water Twist Lock Adaptor.
- Wind power cord loosely around back of light. Ensure it is properly retained within securing clips.
- Insert gland nut, rubber washer and then plastic seal ring onto the power cord and feed the power cord through the gland plate.
- Tighten gland nut onto Gland Plate.
- Fit light to Fit the light to the under water Twist Lock Adaptor by aligning the lights locking lugs with the locking slots in the Twist Lock Adaptor. Turn the Twist Lock Adaptor clockwise fully into the locked position. Fix light to Twist Lock Adaptor with screw at the top to prevent unlocking.

INSTALLATION FIBREGLASS POOLS

- Drill a 28mm hole in the pool wall (vinyl / fibreglass conversion kit PN 26601 required) at 550mm below top of coping. This is where the cable will pass through the wall.
- Cover the back of the Gland Plate with silicone sealant and insert the boss of the Gland Plate into the drilled hole.
- Drill 4 holes with a 1/8" drill using the Gland Plate holes as a drilling guide. Apply a small amount of Silicone Sealant on the screws and drive into predrilled holes.
- Screw under water Twist Lock Adaptor to the wall and seal screws.
- Wind power cord loosely around back of light. Ensure it is properly retained within securing clips.
- Insert gland nut, rubber washer and then plastic seal ring onto the power cord and feed the power cord through the Gland Plate.
- Tighten gland nut onto Gland Plate.
- Fit the light to the under water Twist Lock Adaptor by aligning the lights locking lugs with the locking slots in the Twist Lock Adaptor. Turn the Twist Lock Adaptor clockwise fully into the locked position. Fix light to Twist Lock Adaptor with screw at the top to prevent unlocking.

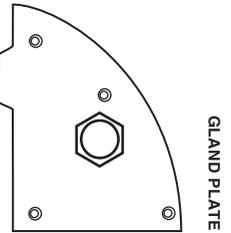


Figure 2

GLOBE REPLACEMENT

- Disconnect power to light at the circuit breaker.
- Remove screw securing light to under water light Twist Lock Adaptor, turning the light anti clockwise and remove light from pool.
- Remove screws at the back of the light and remove the rim from the back plate.
- Loosen the screws at ceramic terminal, and remove the ceramic block together with the globe and replace it by the globe replacement kit (PN 650108).
- Insert the globe replacement kit to the two pin at the back plate and reverse step (d)–(a).
- Power cable connection at terminal area of the light is not serviceable.

If the wiring or connectors are burnt or corroded, or if a new light body is required, a Waterco underwater light replacement kit is recommended.

TROUBLE SHOOTING

FAULT	POSSIBLE CAUSE	REMEDY
Light not operating	<ul style="list-style-type: none"> - Globe burnt. - Fuses in transformer blown. - No power to transformer. - Fault in electrical wiring. 	<ul style="list-style-type: none"> - Replace globe. - Replace fuses. - Check main fuses in switchboard. - Electrician to check.
Light very dim	<ul style="list-style-type: none"> - Mismatch of light globe and transformer ratings. - Damaged wiring / connectors. 	<ul style="list-style-type: none"> - Fit correctly rated light globe. - Replace wiring / connectors.
Globe blows immediately light switch on	<ul style="list-style-type: none"> - As above. 	<ul style="list-style-type: none"> - As above.
Main house fuse blows when light switched on	<ul style="list-style-type: none"> - Transformer overheated by transformer/ lamp mismatch or incorrect electrical installation. 	<ul style="list-style-type: none"> - Call electrician to check installation.

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