

# Replacement Light Unit (Guts) For Certikin Underwater Swimming Pool Lights

## Light guts replacement process - **PU9 Range**:

**⚠ WARNING** Always completely isolate the power to the swimming pool lights before beginning to replace the light guts.

The pool water must be lowered, or isolated from the area of the light, before beginning the following process.

1. On the pool side remove the deck box lid.
2. Disconnect the light cable from the terminal block within the deck box – **TAKE NOTE OF THE CABLE COLOUR SEQUENCE IN PREPARATION OF INSTALLING THE NEW GUTS.**
3. Remove the light guts from the niche by releasing the two retaining screws - extract all of the coiled cable. Place them safely on the pool surround.
4. In the base of the deck box loosen the gland nut until the cable can slide freely.
5. Tie the provided 'pull string' **tightly** to the light cable – ensuring that any knot will pass through the gland in the base of the deck box.
6. At the light niche, loosen the gland nut until the cable can slide freely.
7. Pull the cable gently but firmly from the niche end – **make sure you do not lose the string from the cable.**
8. Fully retract the cable but leave the string within the conduit run from the niche to the deck box.
9. Remove the string from the old light guts cable and secure it **tightly** to the new light guts cable.
10. Pull the string up through the deck box until the cable appears.
11. Re secure the gland nuts, both in the deck box and at the back of the niche to secure the cable – hand tight should be sufficient.
12. Coil the surplus cable around the lamp body and re insert the light guts into the niche – align the screw holes with the receiver and secure in place with the retaining screws.
13. At the deck box, connect the new cable to the terminal block – a new terminal block is provided if needed.  
**ENSURE THE CABLE COLOUR SEQUENCE IS REPLICATED.**
14. Remove and dispose of both existing lid O-rings and the deck box lid. Apply the new O-rings to the deck box frame and lid and then secure the new lid in place with the three screws provided. There is no need to add filling compound.
15. Reintroduce the pool water, reconnect the mains power and test the light.  
**DO NOT TURN ON THE LIGHT WITHOUT IT BEING IMMERSSED IN WATER.**

**Dispose of the old light guts via a regulated waste disposal and recycling centre – please consult your local authority for full advice.**

This product is a replacement light guts suitable for the Certikin PU9 swimming pool light range. It should not be used for any other purpose.

**⚠ WARNING** This equipment must be installed and serviced by qualified persons only. Improper installation and servicing can create electrical hazards which could result in property damage, serious injury or death.

**⚠ WARNING** A qualified electrician must carry out all electrical wiring in accordance with local electrical regulations.



## IMPORTANT:

Never switch the light on when the pool is empty.

**This product is only for use when immersed in water.**  **For operation only with a Safety Isolating Transformer.**

Rated Voltage: 12V

Index of Protection Rating: IP68

 **This product is not dimmable.**  **Do not stare directly at the light.**

The rated maximum immersion depth of this product is 2000mm.

This document refers to models: **PU63LTW; PU63LTC; PU63LTU; PU93LTC; PU93LTW; PU93LTU.**



✉ info@certikin.co.uk

www.certikin.co.uk

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