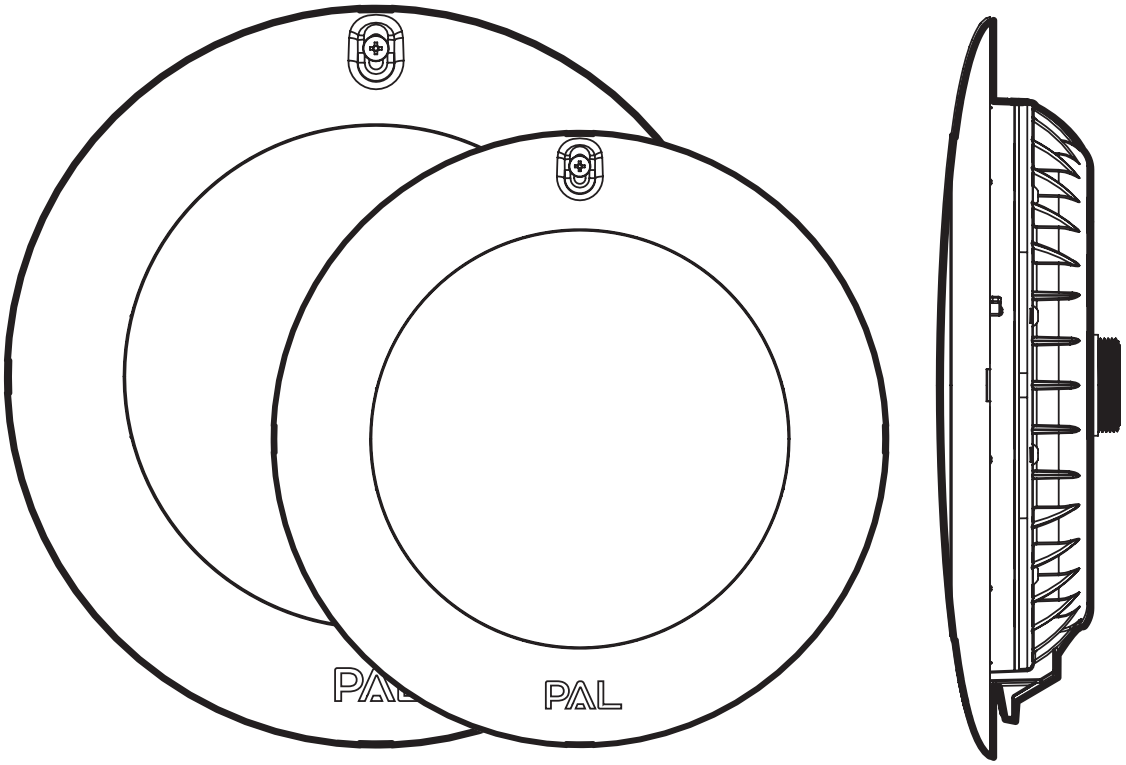
PAL™
LIGHTING

REVIVE

POOL & SPA LIGHT

INSTALLATION & USER GUIDE



PAL Revive
(64-PAL-POOL-REVIVE)

USA

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PRODUCT SUPPORT

For additional product information or technical assistance, contact PAL Lighting's customer support team:

USA
4830 Timber Creek Drive
Houston Texas 77017
t: +1 (713) 946 4343
w: pallighting.com

SAFETY INSTRUCTIONS



WARNING! RISK OF ELECTRICAL SHOCK



Improper installation carries the potential for electrical hazards, presenting a risk of severe or even fatal injuries to pool users, pool servicers, and builder/contractor/installer· Installation must be performed by qualified pool/fountain builders or licensed electricians.

- Always follow local electrical codes and pool safety regulations.
- Disconnect power before installation.
- The scupper is required to be grounded and includes a grounding adapter.

Failure to ground scupper properly may result in failure in electrical components, electric shock, fires/sparks, and/or injuries up to and including fatal injuries.

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⚠ WARNING!

DO NOT CONNECT THIS 24V DC LIGHT DIRECT TO A 120V CIRCUIT.

WARNING

• The Junction Box and the low voltage driver/transformer is located at least 4 (four) inches above ground level or eight (8) inches above maximum water level, whichever is higher. The Junction Box must be at least 48 inches from the edge of the pool.

• To be certain that the pool or spa electrical system meets all applicable requirements, the electrician should also consult the local building department.

CAUTION

• Ensure that the electrical system for your pool conforms with all the requirements of the National Electrical Code (NEC) and all relevant local codes and ordinances.

• This 24V Underwater Light must be installed in accordance with the National Electrical Code by a Certified Electrician or a Qualified Pool Technician.

NOTE: No Bonding Terminal is required on the forming shell since the fixture is an all-plastic construction and complies with NEC article 680 Requirements.

Canadian Installation 1.5” Wall Fitting

Be sure the electrical system of your pool conforms with the following requirements of the Canadian Electrical Code (CEC), and all local codes and ordinances. A licensed or certified electrician must install the electrical system to meet or exceed those requirements before the light and (fixture-housing) is installed.

OVERVIEW

Bring Old Pools Back to Life | Easy to install. Easy to control.

The smarter, simpler way to replace outdated pool lights. PAL Revive™ gives pool professionals a fast, flexible way to upgrade aging lights with brighter performance, modern LED color, and wireless control.

UPON DELIVERY & TOOLS REQUIRED

This manual provides installation and operational instructions for the PAL Revive Multi Color Pool Light. All other lighting products must adhere to their individual installation guides. Read the installation & operational manual before proceeding with the installation. Keep this manual for future reference.

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Before starting the installation, check the light is not damaged. If damaged has occurred, please contact pallighting.com

TOOLS NEEDED FOR INSTALLATION:

- Phillips Head No. 1 and No. 2 Screwdriver
- Utility knife
- Wire cutters / stripper
- Rag

PACKAGE CONTENTS

Depending on the kit you have purchased, Revive components include:

A) 10" POOL LIGHT WITH CUT & REPLACE KIT: Pool light, Cut & replace harness kit, Remote
B) 10" POOL LIGHT WITH CABLE: Pool light, Cable (50ft/100ft/150ft), Remote
C) 10" POOL LIGHT KIT: Pool light, 100ft cable, Remote, Sonar Wi-Fi module, Transformer

D) 6" SPA LIGHT WITH CUT & REPLACE KIT: Spa light, Cut & replace harness kit, Remote
E) 6" SPA LIGHT WITH CABLE: Spa light, Cable (50ft/100ft/150ft), Remote
F) 6" SPA LIGHT KIT: Spa light, 100ft cable, Remote, Sonar Wi-Fi module, Transformer

A PAL Lighting remote driver (controller & transformer) is sold separately. Refer to remote driver owner's manual for detailed installation instructions at: www.pallighting.com

Installations requiring junction boxes - we recommend using PAL Lighting junction boxes (64-JB-5 or 64-JB-8).

INSTALLATION STEPS

REPLACING EXISTING POOL LIGHT WITH REVIVE

PRE INSTALLATION GUIDELINES

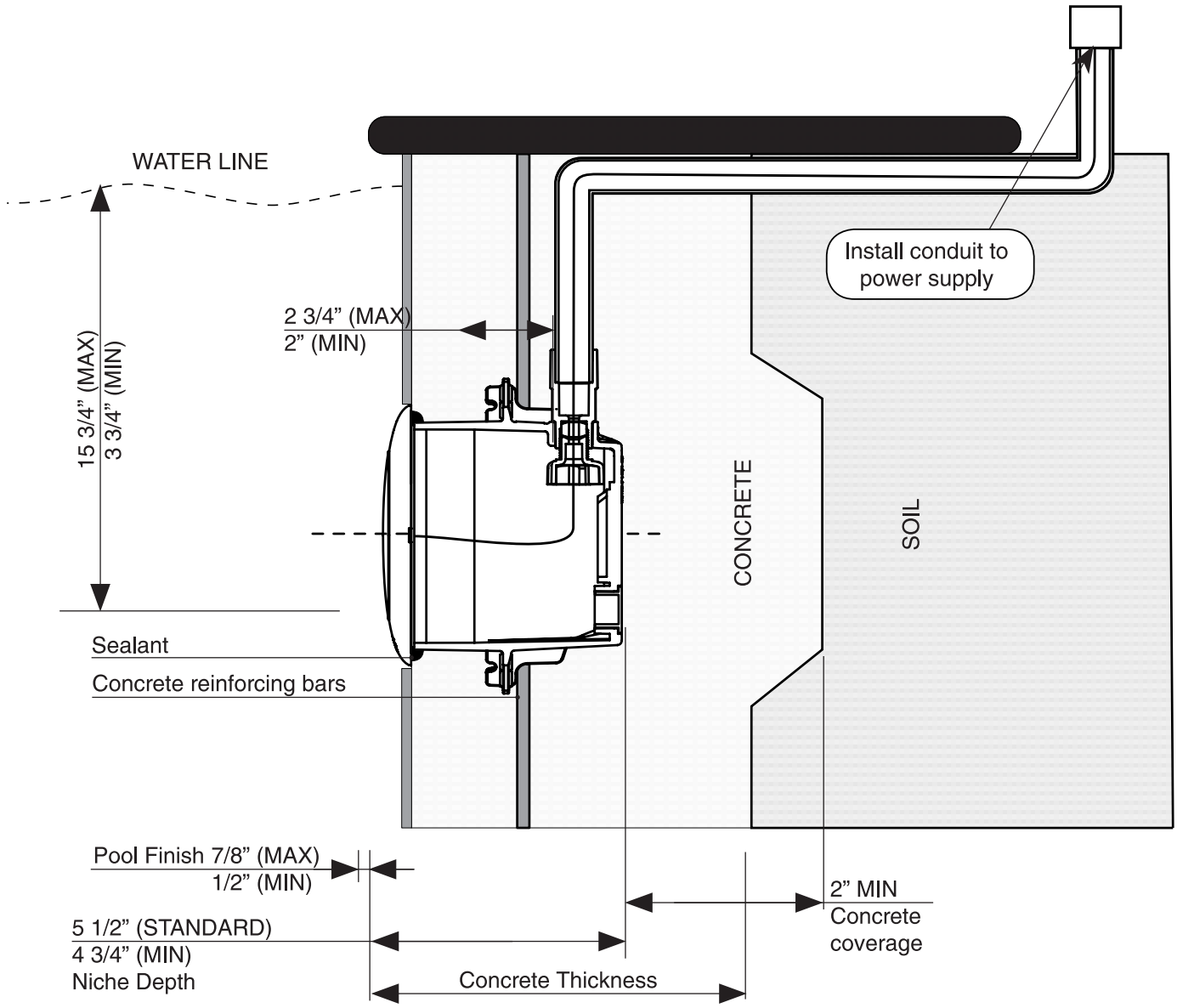
⚠ Risk of Electrical Shock or Electrocution!
This underwater light must be installed by a licensed or certified electrician or a qualified pool professional in accordance with the NEC and all applicable local codes and ordinances. Improper installation will create an electrical hazard which could result in death or serious injury to pool users, installers or others due to electrical shock, and may also cause damage to property. Always disconnect the power to the pool light at the circuit breaker before servicing the light. Failure to do so could result in death or serious injury to service technician, pool users or others due to electrical shock.

Please check that the pool and spa meets the requirements of the current NEC and all local codes and ordinances. A licensed or certified electrician must install the electrical system to meet or exceed those requirements before the underwater light is installed. Some of the requirements of the NEC which the pool's electrical system must meet are as follows:

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• The lighting circuit has a Ground Fault Circuit Interrupter (GFCI) for line voltage models and has an appropriately rated circuit breaker.

• The Junction Box (or for 12V models, the low voltage transformer) is located at least eight (8) inches (20.3 cm) above ground level and at least 48 inches (1.219 m) from the edge of the pool.
• The light fixture and all metal items within five (5) feet (1.524 m) of the pool are properly electrically bonded.
• The wet niche is properly electrically bonded and grounded via the No. 8 AWG ground connector located at the rear of the niche.
• Make sure that the swimming pool's electrical system meets all applicable requirements, the electrician should also consult the local building department.



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INSTALLATION STEPS

CUT & REPLACE

The following instructions describe how to remove and install a new PAL Revive Pool and Spa light. Please check that the pool and spa meet the requirements of the current NEC and all local codes and ordinances.

⚠ A licensed or certified electrician must install the electrical system to meet or exceed those requirements before the underwater light is installed. Failure to do so may cause Electric Shock and damage to property.

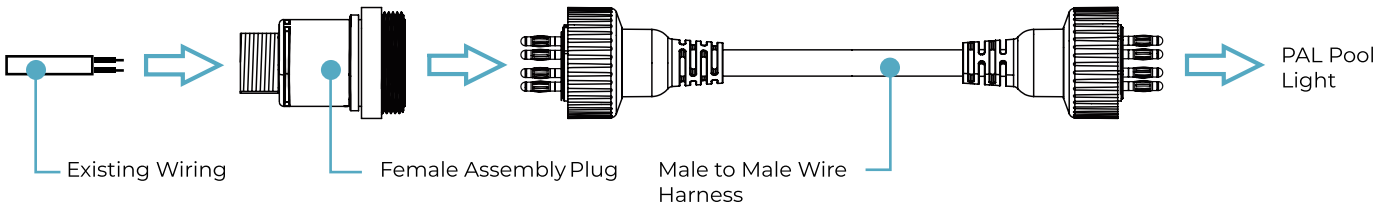
Wiring Overview – Cut and Replace

A Field Assembly Plug Harness Kit – 2-Wire (64-EGCPB-SWH-2W) is required when retrofitting an existing 2-wire pool light installation with a new PAL Revive pool or spa light.

During installation, the existing 2-wire pool light cable is cut and secured inside a field plug housing, which is sealed with epoxy. The housing connects to the supplied female 4-pin adapter plug. Although the connector has four pins, only two are used to supply power to the light.

The female adapter connects to the included male-to-male harness cable, which interfaces between the existing 2-wire installation and the new PAL pool light. The opposite end of the harness plugs directly into the PAL pool light fixture, providing a secure, watertight connection.

This retrofit solution allows the existing 2-wire cable to remain in place, eliminating the need to pull new wiring through the conduit.



Cut and Replace Steps

1 WARNING! ⚠
Switch off main electrical switch or circuit breaker and the switch which operates the new Revive Pool and Spa light.

2. To remove current old light fixture assembly from the pool. Undo the pilot screw at top of light and remove the light assembly from the niche and place it on top of the pool coping.

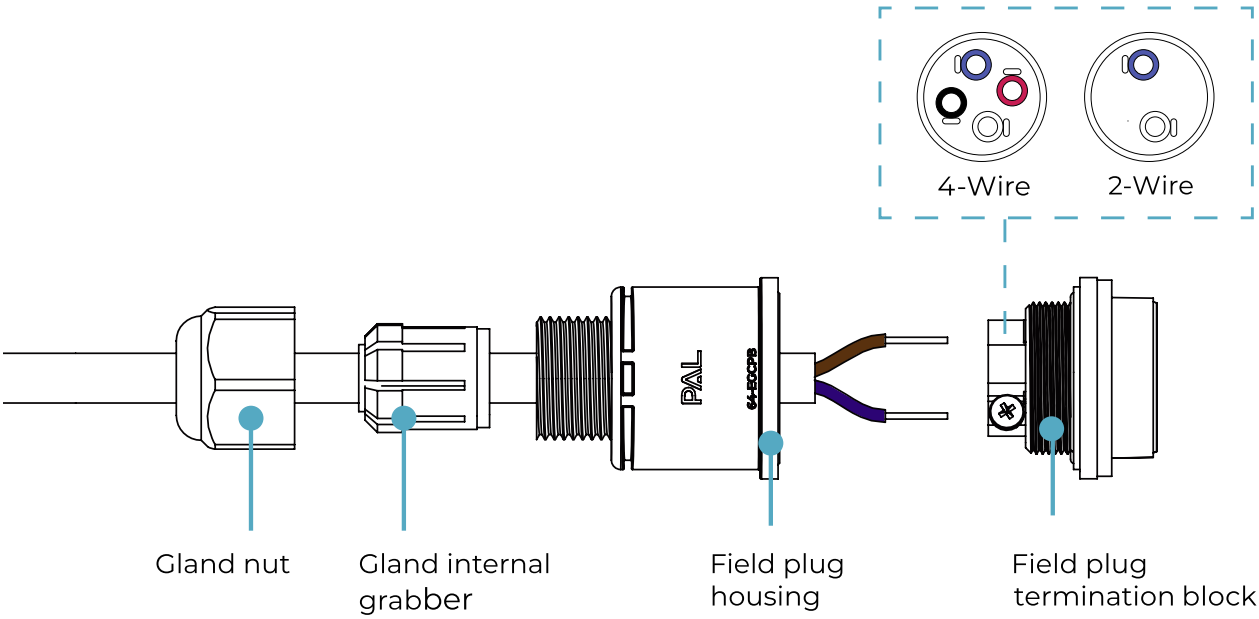
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3. Cut the end off the old, existing light and strip the wire ends to expose bare wires.

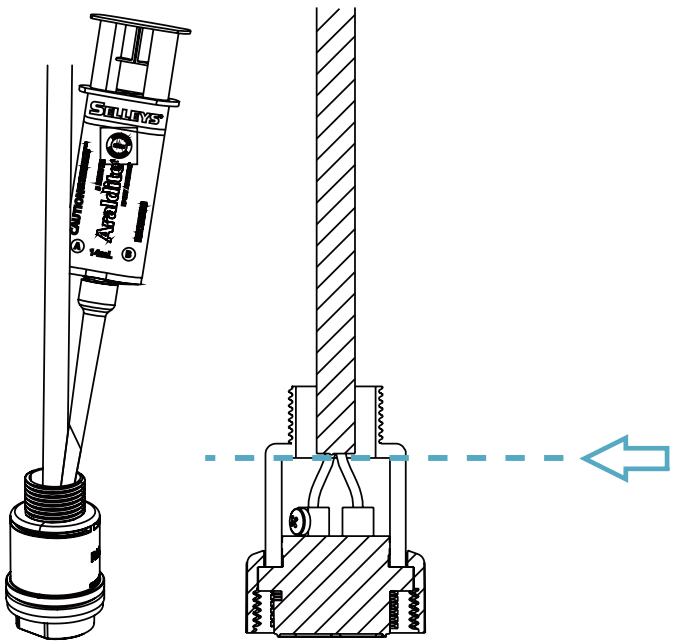
4. Thread on the gland nut, then the gland seal (internal grabber) and lastly the field plug housing onto the existing wire, in this sequence.

5. Terminate the two wires into the blue and white terminals and screw to secure.

6. Make sure the orange/red seal in sitting flush on the plug and screw the field plug into the field plug housing and tighten

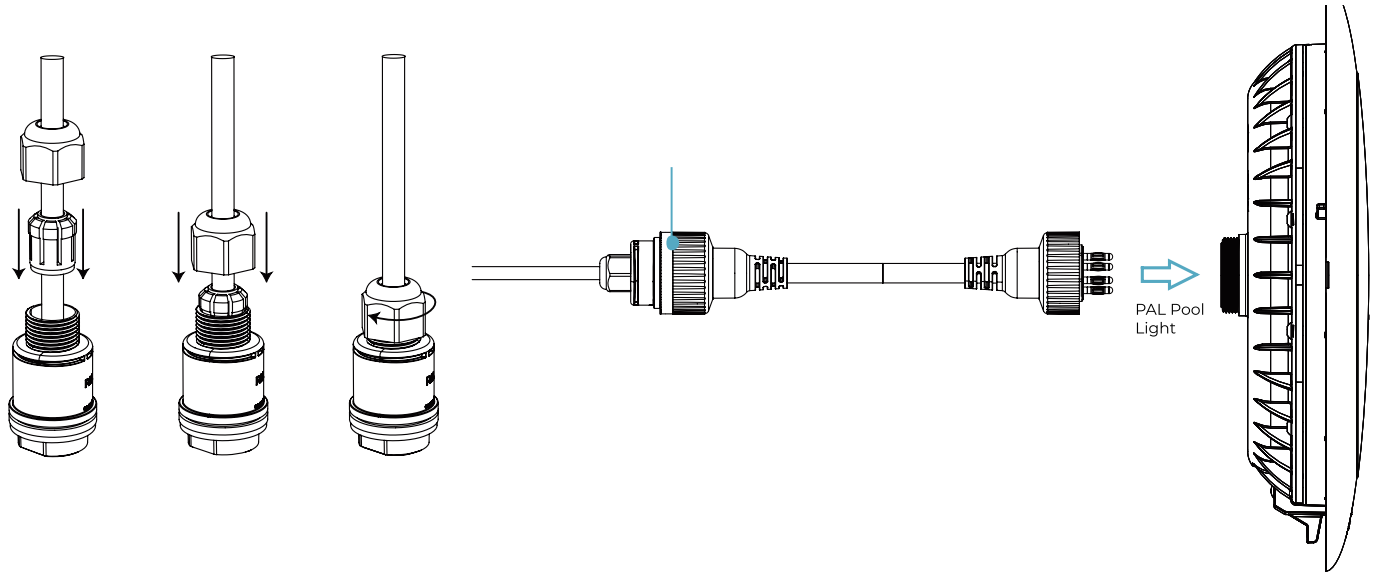


7. Take the araldite and fill the void at the back of the field plug housing. There is a marker showing the fill level height inside the plug – do not fill beyond this point.



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8. Push down the gland seal, then tighten the gland nut all the way. The Araldite will take around 5-10 mins to cure (you will feel the plug get hot during activation).



8. Once set, take the double-sided male plug cable and unscrew the orange/red protective caps. Connect one end to the newly assembled field plug, making sure the orange/red seal is sitting flush on the plug. Tighten the nut as tight as possible.

9. Take the other end of the double-sided male plug cable and plug directly onto the back of the Revive light, making sure the orange/red seal is sitting flush on the plug and tighten the nut as tight as possible.

10. Place the new Revive light back into the niche. Make sure to allow at least four (4) feet of cable to coil inside niche allowing for service once pool is full of water. Fix the light in place.

11. An existing AC transformer can be used for powering the Revive light. Alternatively, PAL can supply a brand new 24V DC transformer. (The PAL Revive light is AC/DC).

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INSTALLATION STEPS

NEW CABLE

1 WARNING! ⚠
Switch off main electrical switch or circuit breaker and the switch which operates the new Revive Pool and Spa light.

2. Remove Junction Box cover, disconnect the light fixture wires and pull the cord through the conduit. Make sure you have connected new light cable when pulling old existing cable through the conduit.

5. Make sure you Leave at least four (4) feet of cable to coil inside Niche allowing for service once pool is full of water.

6. Cut the cord at the Junction Box, leaving at least size (6) inches of cord to make connections.

7. Strip outer cable jacket to expose the four copper conductors (+W, R, G, B) and be careful not to damage the copper when doing so.

8. Connect the four light wires (+W, R, G, B) to the corresponding light circuit inside the driver.

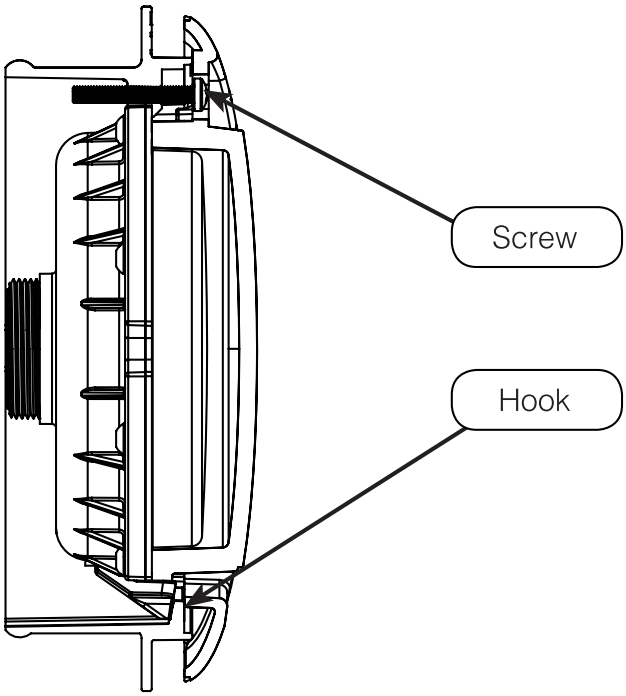
9. For two wires; connect the Brown wire (+) and Blue wire (-) to either a 12V AC Transformer or 12V DC power supply.

10. Install the PAL Revive Large light assembly into the pool niche. Be sure to insert the hook on the light into the SLOT on the lower part of the niche.

11. Insert mounting screw into top of light and secure to thread in Niche. Do not overtighten screw.

12. Use only the provided mounting screw with this Revive light. This mounting screw electrically grounds the stainless-steel dress ring to the bonded niche. Failure to use the screw provided could create an electrical hazard which could result in death or serious injury to pool users, installers or others due to electrical shock.

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13. Finally switch on the main switch or circuit breaker to the system, and the switch that operates the Revive underwater light itself. The light should illuminate when power is applied. If not recheck the installation steps starting with Step 1.

TROUBLESHOOTING

ISSUE	REASON	ACTION
Light not turning on (1)	Faulty globe.	Replace globe.
Light not turning on (2)	Faulty Driver.	Check Driver output under load using a multimeter. 12volts DC.
Light not turning on (3)	Cut Cable.	Check the voltage at light using a multimeter.
Light not turning on (4)	Driver not connected to GPO or switched on.	Check Driver is connected to power, check power indicator LED is lit on your Driver. If still no indicator light, send back to PAL for repair.
Light not turning on (5)	Faulty LED Driver inside control box.	Push the test button inside control box, if lights still don't turn on then send product back to PAL.
Light not turning on (6)	Plug kit wired incorrectly	Wire correctly

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USAGE & CARE

USAGE & SAFETY GUIDELINES

- Always switch off the water pump system and controller before inspecting or servicing the unit.
- Clean and inspect the unit before initial operation and at least once per season. More frequent maintenance may be necessary depending on environmental exposure.
- Avoid contact with sharp edges. Never insert hands or fingers into the opening while operational.
- For issues or technical assistance, contact the original installer or pool builder.

CLEANING & MAINTENANCE

Supplies:

- Soft brush
- Non-scratch scrubbing pad (e.g., Scotch-Brite®)
- Dishwashing liquid
- Solution: 8 oz. vinegar, 2 tsp salt, 1 oz. lemon juice
- Water hose
- Microfiber cloth or similar
- Spray-on wax sealant

Cleaning Instructions:

- For light cleaning, use soapy water and a cloth to wipe down the surface.
- For tougher stains, use the vinegar-salt-lemon mix.
- Apply with a cloth and let sit for 1–3 minutes.
- If needed, increase the solution's strength for stubborn areas.
- Use the soft brush or pad with gentle circular strokes to scrub.
- Rinse thoroughly to avoid residue reaching other surfaces.
- Dry the surface completely.
- Apply a thin layer of wax protectant and wipe off immediately.
- Repeat the process regularly to maintain appearance.

WINTERIZATION

Ensure the water level is at least 4 inches above or below the light, based on the specific winterization requirements of the pool. Always consult a local swimming pool professional to determine the correct procedure for your region. Never drain water from the pool without first checking local groundwater levels as this may cause structural damage.
To remove the light, use your hand to rotate out counterclockwise.

NOTE: If water is trapped in conduit, damage may occur from freezing expansion. If partially draining the pool, DO NOT maintain the water level at the height of the light.

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CONNECTING TO REMOTE / WI-FI MODULE

For instructions on syncing the SONAR remote and connecting to a PAL Wi-Fi module for app control, visit pallighting.com/revive for additional setup guides.

WARRANTY INFORMATION

Installation Warranty

Any issues related to installation or plumbing workmanship must be addressed directly with the contractor or builder responsible for the light installation. If you are unsure of who installed your unit, please direct your claim through the pool builder.

Product Warranty

Claims for manufacturing defects must be made in writing to PAL by the owner or builder, clearly outlining the problem. PAL reserves the right to inspect the claim and, if confirmed, may repair or replace the faulty unit. Labor and re-installation costs are not covered.

Limited Warranty – Residential Use (3 Year)

PAL offers a three-year limited warranty on the PAL Revive used in residential settings. This covers defects in materials or workmanship that impair functionality under normal conditions.

- Proof of purchase and installation date is required.
- Repairs or replacements will be made at PAL's discretion.
- Shipping costs may be reimbursed if the defect is verified.
- Unit removal and re-installation must be done by licensed professionals.

Exclusions:

Damage due to misuse, poor installation, alterations, freezing, or corrosion from unbalanced pool chemicals is not covered.

- Wear on brass or other replaceable parts that interact with copper is expected over time and not included under warranty.
- Cosmetic defects such as minor cracks in cementitious components or efflorescence are not considered structural issues.
- External coating wear (e.g., powder coating) is excluded due to exposure to UV or pool chemicals.

This document represents the only warranty provided and supersedes any other implied guarantees.

Lodging a Warranty Claim

To lodge a warranty claim, visit pallighting.com for more information.

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