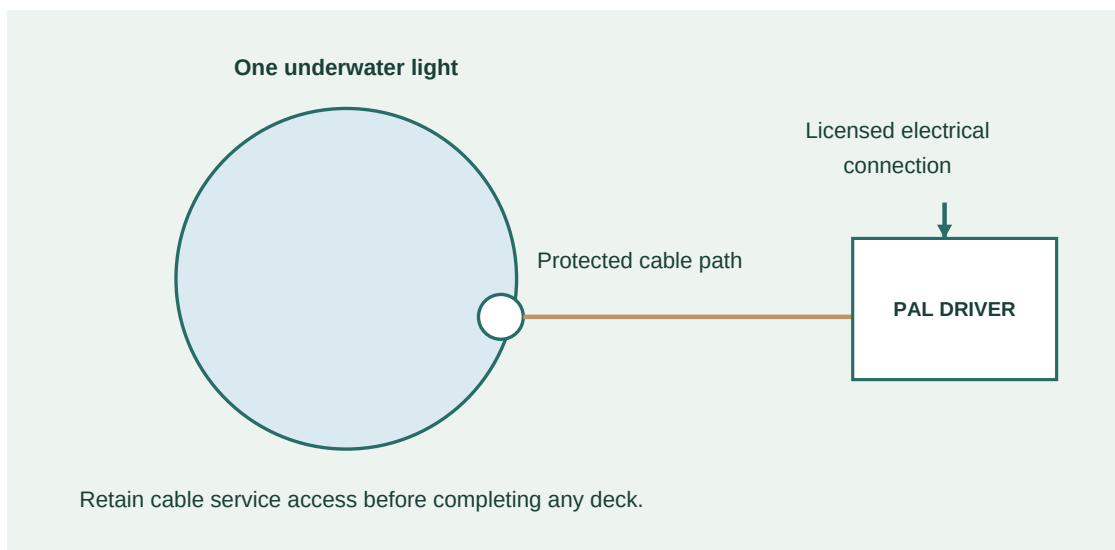


TRU BLU / PRACTICAL INSTALLATION SERIES

LED lighting installation

Plan the cable path and keep the light serviceable.



Work through this manual

Page	Stage
2	Plan the light and driver together
3	Mount, seal and protect the cable
4	Connect, wet-check and demonstrate

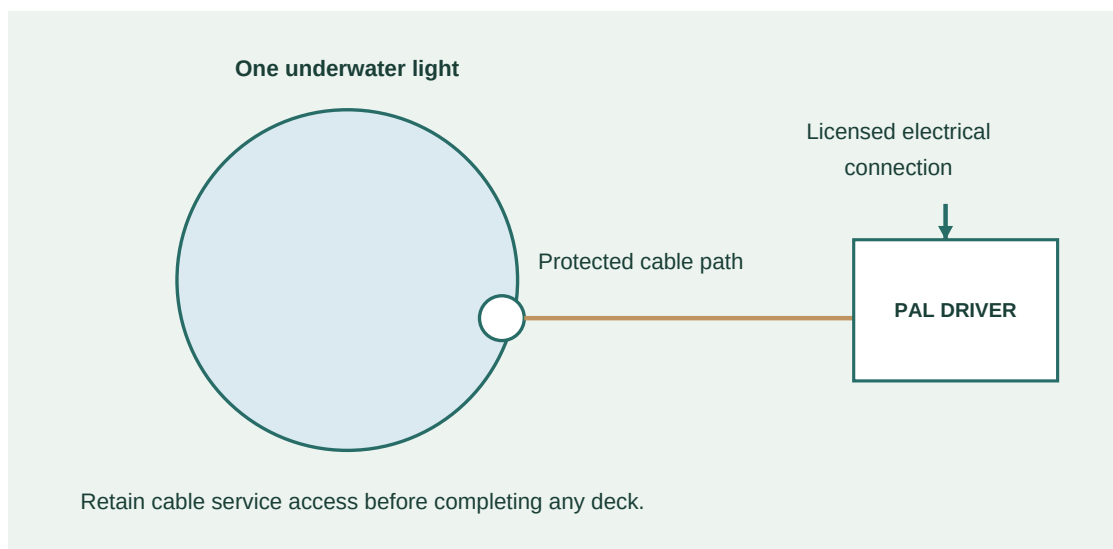
Have these ready

Supplied PAL light, cable and matched driver | Model-specific assembly instructions | Hand screwdriver where required | Licensed electrician for electrical work

Use with your supplied pool construction detail and equipment instructions. Dimensions on functional diagrams are not drilling templates. DIY assembly is supported; electrical work requires a licensed electrician.

01 / LED LIGHTING INSTALLATION

Plan the light and driver together

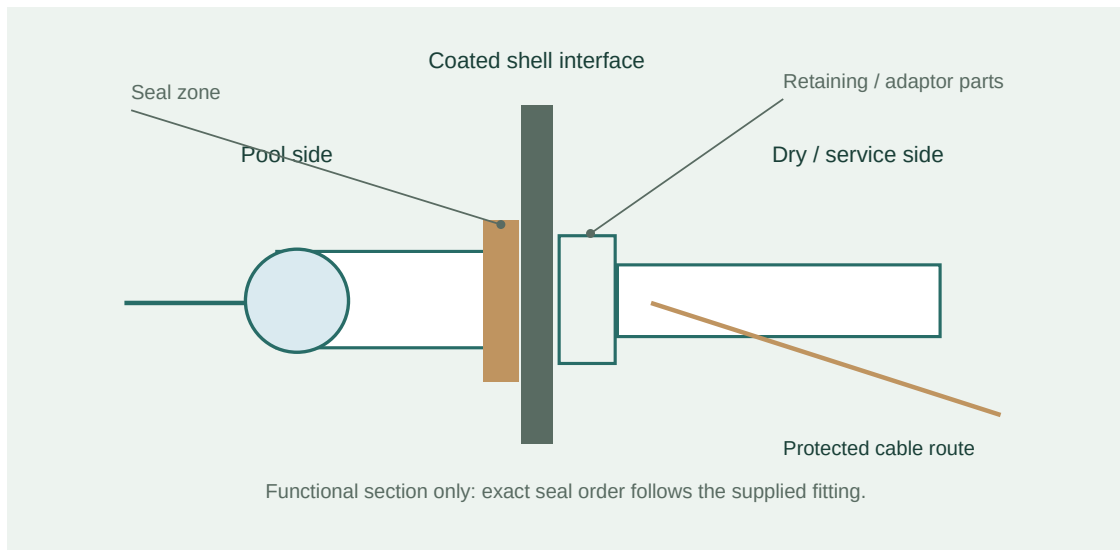


1. The optional package comprises one underwater light with its transformer/control package. Match the cable connector, driver and light model before assembly.
2. Show the light, protected cable route, service access and driver location on the plan before the pool is placed or decked.
3. Keep a serviceable cable path and the access required by the actual light assembly. Protect the cable from sharp steel edges and abrasion.
4. Coordinate driver location, protected supply and pool-zone requirements with the electrician.

The purchased prototype pack was PAL 54-EGFSPP-24 with a 24 m cable and single-zone driver. Exact mounting uses the supplied shell adaptor.

02 / LED LIGHTING INSTALLATION

Mount, seal and protect the cable

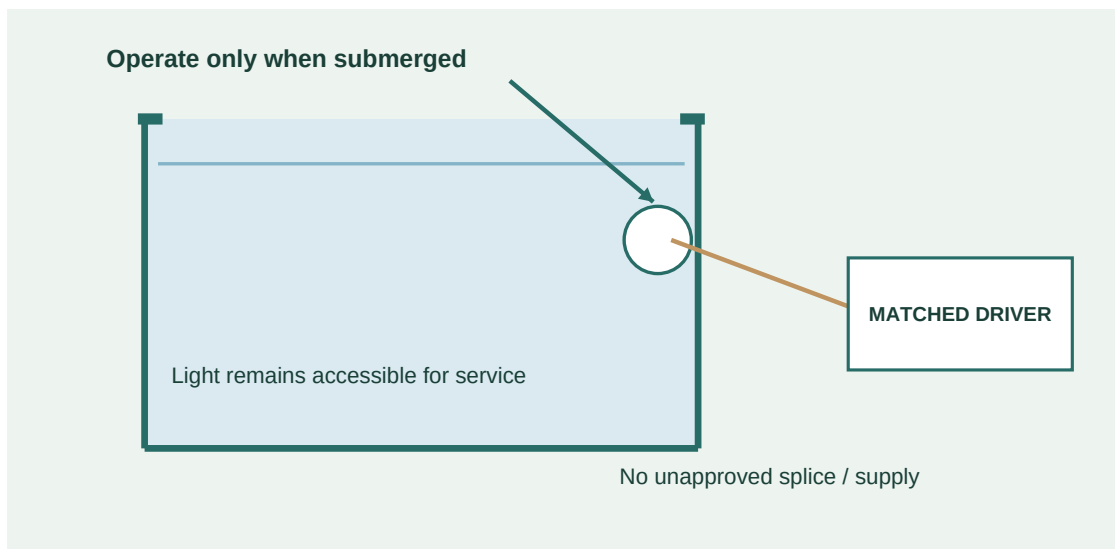


1. Inspect the factory-prepared opening or supplied mounting adaptor and the coating before fitting the light. Use the light-specific seals and retaining parts.
2. Feed the cable through its protected route without pulling hard on the plug or light body. Keep the original connector dry during assembly.
3. Complete sealing and retention using the package instructions. Use the mounting method intended for the coated shell and its supplied adaptor.
4. Preserve access to remove the light for service. Do not hide connectors or cable access behind permanent decking.

No hole-saw size, mounting depth or gasket stack is assigned to the coated steel shell by a fibreglass-format manual alone.

03 / LED LIGHTING INSTALLATION

Connect, wet-check and demonstrate



1. The electrician installs the supply and matched PAL driver using the instructions for that exact package. Do not substitute an unrelated power supply.
2. Complete the seal cure and water leak check. PAL underwater-light instructions require the light to be submerged for operation.
3. Test switching, colours and remote functions after electrical completion and correct filling. Record the package and driver serial numbers.
4. Demonstrate normal operation and the accessible service route. Isolate electrical power before any later removal or inspection.

Job check / record	Result
Light / driver model and serial	_____
Cable route / service access	_____
Electrical certificate reference	_____
Wet seal / lighting test	_____

The sealed underwater connector is not a place for improvised silicone, adhesive or an unapproved cable splice.

Technical references

PAL prototype order 64821: 54-EGFSR-24 single lighting package. | PAL installation documentation: pallighting.com/install-guides/

[PAL light and driver instructions - open official instructions](#)