

evobright®

HIGH PERFORMANCE LIGHTING

EOVBRIGHT POOL LIGHT TRANSFORMER



Installation and Operation Manual for **EOVBRIGHT POOL LIGHT TRANSFORMER**

SINGLE | DUAL | QUAD

⚠ 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.

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1.0 FOREWORD

- 1.1 Congratulations on purchasing an Evolution Evobright Pool Light Transformer. Please read the instructions thoroughly before operating the unit. If you have any concerns or require further assistance, please do not hesitate to contact our friendly staff or any of our Evolution distributors.
- 1.2 Evobright Pool Light Transformers are offered in a variety of models to suit different LED pool lighting requirements. The transformers are designed to supply 12VAC to LED pool lights via the terminals on the underside of the unit. The unit also features a 10 amp AC Outlet to allow a maximum of 5 units to be tethered together in series.

2.0 TRANSFORMER SPECIFICATIONS

2.1 Table 1: Evobright Pool Light Transformer Specifications

Type	IP Rating	Input	Maximum Output	Terminals	Secondary Fuses
SINGLE	IP44	230-240VAC 50Hz	12VAC 30VA	x 1	1 x 4A
DUAL	IP44	230-240VAC 50Hz	12VAC 60VA	x 2	2 x 4A
QUAD	IP44	230-240VAC 50Hz	12VAC 120VA	x 4	4 x 4A

2.2 Table 2: Product Dimensions

Type	Height	Width	Depth	Weight
SINGLE	150mm	146mm	92mm	2.5kg
DUAL	150mm	146mm	92mm	2.75kg
QUAD	150mm	146mm	92mm	3kg

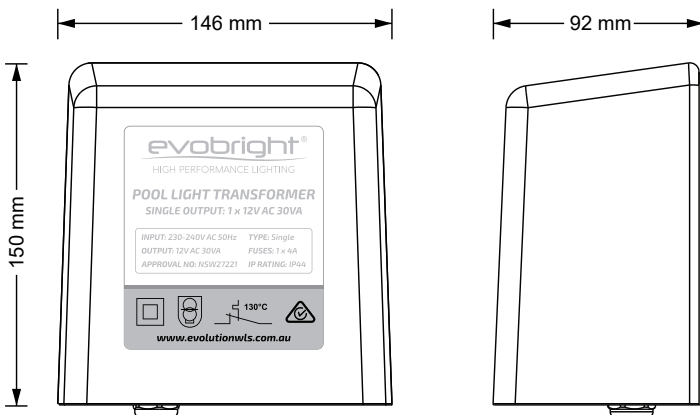


Fig. 1

3.0 INSTALLATION LOCATION

- 3.1 Always refer to the LED Pool light manufacturer's specifications before installing and using the Evobright Pool Light Transformer.
- 3.2 Ensure that the Transformer can be connected to a mains power outlet in the pool area. Also ensure the Transformer installation location is within the maximum length of the LED Pool Light power cable.
- 3.3 The Transformer can be installed either indoors or outdoors. However, the Transformer must be positioned so the Terminal Sockets are facing downward to the ground to ensure protection of all electrical connections.
- 3.4 The Transformer should not be installed in areas where pool chemicals are stored.
- 3.5 Do not use a double adaptor to connect the Transformer to the mains power as this may overload the system and void the warranty.

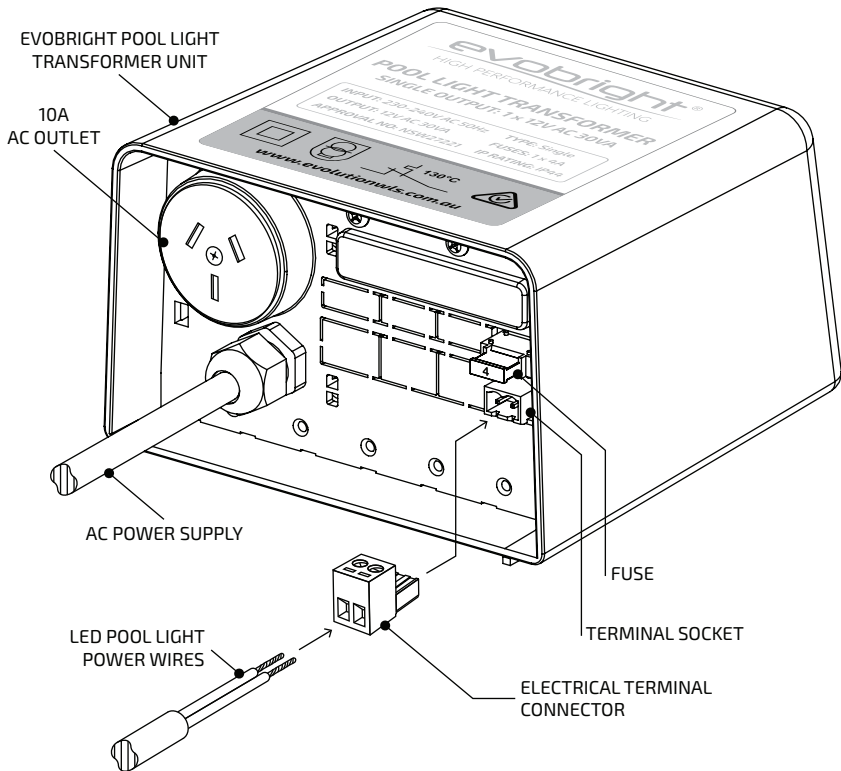


Fig. 2

4.0 INSTALLATION INSTRUCTIONS

- 4.1 The Transformer is mounted using the two keyhole slots (93mm centres) on the back of the enclosure (Fig. 3). A mounting template can be found on the last page of this manual. Drill mounting holes for the supplied screws and wall plugs using the template as a guide.
- 4.2 Mount the Transformer at a minimum of 500mm above ground level. Multiple units should be mounted at a minimum of 200mm from each other (Fig. 4) and a minimum distance of 500mm from any other electrical equipment or device.
- 4.3 Connect the LED Pool Light Power Wires to the Electrical Terminal Connector and tighten the screws sufficiently to hold the wires securely (Fig. 2).
- 4.4 Firmly insert the wired Electrical Terminal Connector into the Terminal Socket.

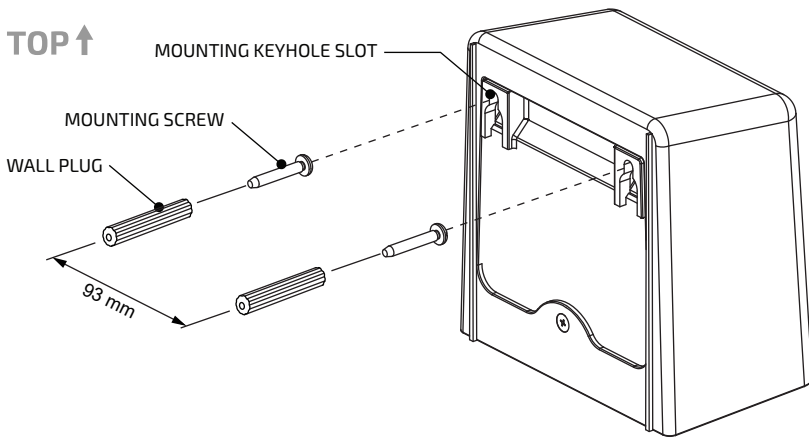


Fig. 3

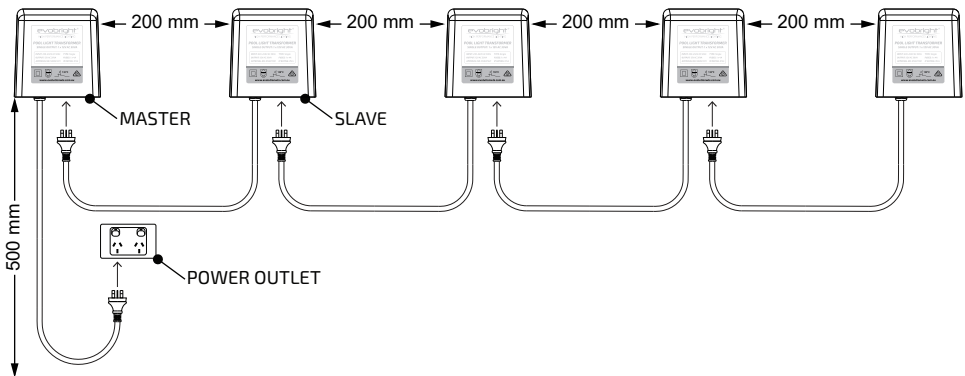


Fig. 4

5.0 OPERATION & TROUBLESHOOTING

- 5.1 Plug the Transformer AC Power Supply (Fig. 2) into a 10A 230–240VAC General Purpose Power Outlet (Fig. 4) and switch the power on. The pool lights will turn on when the power is on.
- 5.2 To connect additional Transformers in series (a maximum of 5), plug the slave unit/s into the 10A AC Outlet on the underside of the Master Transformer. The primary Slave can provide power to a secondary Slave up to a maximum of 5 units (Fig. 4).
- 5.3 If there is no power being supplied to the LED lights, ensure power is available to the Transformer through the Power Outlet. If power is available, switch off and unplug the Transformer from the Power Outlet. First, check any 4A fuses fitted for signs of overload, and rectify any electrical overload situation. Secondly, remove the Electrical Terminal Connector from the Terminal Socket and ensure Pool Light Power Wires are secure and fitted properly into the Connectors. Ensure the Connectors are fitted securely into the Terminal Sockets.

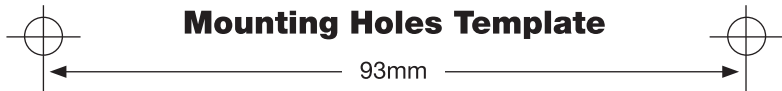
6.0 GENERAL SAFETY INSTRUCTIONS

- 6.1 The operating safety of the Evobright Pool Light Transformer is only guaranteed if the Installation and Operation Manual is correctly followed.
- 6.2 During operation, some parts of the Transformer are subject to dangerous electric voltage. Work may only be performed on the Transformer, or on the equipment connected to it, after disconnecting from the mains power.
- 6.3 If the AC Power Supply Cord is damaged, it must be replaced by Evolution Water & Lighting Solutions or an authorised service agent.
- 6.4 Evolution Water & Lighting accepts no liability for damage or injuries caused by unauthorised replacement parts. Original replacement parts ensure a high level of safety.

7.0 WARRANTY

- 7.1 Evolution Evobright Pool Light Transformers are covered by a 1-year warranty from the date of purchase. Warranty will not be covered without proof of purchase, so keep the original purchase invoice in a safe place.
- 7.2 Warranty only applies if the equipment is installed and operated in complete compliance with the Installation and Operation Manual.
- 7.3 Evolution Water & Lighting Solutions will not accept liability for any consequential loss or damage of any kind.

For all warranty enquiries, please do not hesitate to call 07 5565 0000
or email service@evolutionwls.com.au



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WATER & LIGHTING SOLUTIONS

Evolution Water and Lighting Solutions

1/33 Hinkler Drive, Highland Park QLD 4211, Australia +61 7 5565 0000

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