



## Moth Trap Electrical and General Safety

### Have you read the instructions provided with your moth trap? It is important to do so!

Be careful when placing traps, cables, glass lamps etc. As well as electrical safety consider other hazards, such as those presented by slips, trips, and falls, burns (when using hot-running lamps), or entanglement in cables. Always ensure your own safety and that of others especially children, as well as pets and wildlife. Where 240V electricity is used in any part of the circuit, we recommend the use of an RCD circuit-breaker plug.

Take great care when installing and using electrics. Electrical equipment and lamps must always be checked thoroughly before each use to ensure they have not been damaged in storage or during transit to your trapping venue. Faulty or damaged equipment must never be used but should be disposed of safely, using local recycling facilities where available.

Electricity and water do not mix! Moth-traps should never be used in heavy, wind-slanted or driving rain, or where such future conditions are predicted. If you wish to trap when it is damp or in light rain, it is critically important to ensure that lamps and all other electrical components are completely protected against water incursion to prevent electric shock and danger of death. Whilst rain-shields are useful for protecting lamps and lamp-holders against most water incursion they are not infallible and there are, in addition, many other components you need to consider. Depending on your setup these additional items could include but may not be limited to: leads and extensions, connectors and electrical boxes, transformers, batteries, plugs and sockets. If you cannot protect these items in rainy or damp conditions, you must not use your trap.

If any part of your set or other electrical component gets wet, immediately disconnect it from the power source. **WARNING:** you may need to safely electrically isolate the source before doing so, depending on the type of connection. Then dry everything carefully and completely. All components should be fully dry and thoroughly checked for safety before further use. Never immerse any lamp or electrical parts in water.

Unshielded hot-running lamps (such as mercury, or mercury blended tungsten MBT) must never be used with the Ranger. Although shielded MBT lamps of up to 160W may be used with the Ranger, we strongly recommend that you use cool-running lamps instead. Shielded or unshielded hot-running lamps must never be used with the Safari or Safari XL. Examples of cool-running lamps include fluorescent circlines and tubes, blacklights and BLBs, and LEDs such as the Ento Nets Podlight. Never look directly into UV lights. The use of UV protection safety glasses is also recommended.

Disclaimer. We will not be held responsible for any injury, damage or consequential loss caused by but not limited to:

- a) failure to check all equipment, including electrical equipment and lamps, is undamaged and safe before each and every use
- b) setup, fitting and/ or operation of electrics or traps contrary to installation instructions, general guidelines, and safety advice
- c) failure to take any other sensible, appropriate, and reasonable safety measure