

The Goodden GemLight is a leap forward in technology, enabling serious moth trapping in remote areas without weighty batteries, cables, a generator or mains supply.

Runs all night on 8 AA cells

Daylight sensor puts the GemLight ON and OFF automatically.

Built-in safety features.

Extremely Lightweight.

Ultra compact.

No bulb to break.

Ideal for travel.

The Goodden GemLight, runs on 8 AA rechargeable batteries, weighs only 360g, including batteries, fits in the palm of your hand, and runs for over 10 hours on a single charge.

The Gemlight uses specially produced LED emitters that are more powerful and effective than any other battery light. These are no ordinary LEDs. The Ultraviolet emitter is the final choice from many which have been evaluated and tested over several years. The GemLight is the result of years of research and investment. It has been tested both in the tropics and temperate regions. This is not a replacement for powerful Mercury Vapour (MV) but in off-peak seasons it has frequently outperformed MV.

The GemLight can be more easily sited for best results than a mains light.

Designed for use in the Moonlander Moth Trap. Because the GemLight weighs so little, the Moonlander can be suspended from a branch. This is a useful method when the ground is uneven, is a steep slope, or when bad weather threatens. The GemLight can also be used on a sheet and might be adapted to suit other trap designs.

For best results don't use where other lights can interfere. This light is designed for use in remote places.

SAFE! No need to worry about cable joints getting wet - no risk of electric shock - no bulbs shattered in the rain – none of the disadvantages of a generator.,

Daylight sensor. Set the trap when it suits you before dusk. You can go off for supper or a meeting, knowing that the light will put itself on at dusk, when the moths first fly. At dawn the light goes off, saving power and allowing the moths to settle. Very convenient and practical.

If there are moths in the area, this light is exceptionally effective and portable. In some places moths are less plentiful than they once were but in Europe and the tropics the results have been astonishing, and better than even powerful actinic lights. Catches of up to 400 moths a night have been made in the tropics and in Britain the Gemlight has often out-performed MV and always attracted larger catches than conventional portable fluorescent lights.

Batteries are universally available. Use good quality, high power AA batteries. Energizer rechargeable cells 2450mAh (or more) give excellent results. At the default settings, the

batteries will give 10+ hours use. Microprocessor control warns if the batteries have insufficient charge to last the night, or if faulty cells are present.

Charger. The choice is individual. A quality charger that takes 3 hours or more to charge will help to prolong battery life. If using a faster charger, which may shorten battery life, make sure it is an “intelligent” one, which senses and conditions the batteries. We have successfully used a Uniross 15 minute charger, and there are other makes to be found on the internet. Best of all, use a ‘trickle-charger’ which can be left on continuously, and will ensure maximum battery life and maximum operating duration.

UV and bright lights can damage your eyes. The emitters are bright. The GemLight is microprocessor controlled and has important features for safety and convenience. The unit can be switched on and placed in the trap in daylight. The emitters come on only when it is dark. A flashing indicator light gives warning before darkness is about to switch on the emitters. Never look directly into the emitters. The UV emitter may not look very bright, as most of its radiation is outside the visible spectrum, but can still cause damage if viewed directly. Use of UV safety glasses is recommended.

Batteries and chargers are not included - they are a personal choice and readily found on the internet or locally. Please see notes above on selecting suitable ones.

The Goodden GemLight is revolutionary. You will not want to use any other portable light once you have tried it!