

## **NOTES REGARDING THE 1 WATT 12 VOLT / MR16 UV LED LAMP (SINGLE LED):**

The manufacturer specifies this lamp as a single 368nm UV LED rated at 3 Watts. On tests, I disagree with the wattage so I have rated it at 1 Watt.

However, it may well be slightly higher wattage.

The lamp is well sealed and may show some resistance to rain. As with all lamps though, a rainshield is advised.

The lamp performs well from 12 Volts down to approx 9 Volts and possibly will run on lower voltage with reduced output. On the range 9V to 12V the UV output is very good.

This suggests the lamp is suitable for use on handy battery packs (8 cells - D cells or even AA) and can be used with rechargeable ni-cads or Nimh where the battery voltage is 1.2V (therefore 10V per 8 cell cluster). This makes use abroad very convenient, as currently Lithium battery packs are banned from most airlines.

These lamps look very promising and are worth a try.