

### SAFETY FIRST

Wiring should be carried out in accordance with current regulations by qualified engineers. Ensure correct equipment is used to mount components.

### TOOLS REQUIRED

4mm Allen key  
5mm Allen key  
Ø14mm drill  
Tri Head key  
13mm A/F Combination Spanner  
13mm A/F Socket and Ratchet  
3mm Spade End Screwdriver

## INSTALLATION

### Post Installation

1. Post details, supplied by others, in accordance with diagrams overleaf.
2. Install the post in line with the manufacturers guidelines, taking into account the type of soil, location and windage of the equipment being fitted.

### Solar Panel Installation

1. Slide the LUA through bracket on to the post, ensuring correct orientation ie the threaded hole is set towards the bottom of the bracket.
2. Fix panel spigot assembly to the post top using its 4 No M10 socket set screws. Ensuring that in the UK, the panel faces true south.
3. Tighten the 4 No M10 socket set screws.

### LUA

1. Drill a Ø14mm hole in the post at the required height (2822mm from ground level to give a height of 2100mm to the lowest edge of the sign plate) - ensure the hole is free from burrs and sharp edges.
2. Pass the supply cable down the post to the regulator assembly located in the base of the post.
3. Fix the LUA to the post in accordance with the standard LUA installation instructions.

### Batteries and Regulator Assembly

1. Remove the battery and carrier from the wooden board.
2. Secure the wooden board into the base of the column using an M8 full nut and penny washer.
3. Replace the battery and carrier onto the wooden board
4. A qualified engineer should now make connections to the regulator strictly in accordance with the Sun saver operators manual.

Once the above instruction has been completed, the LUA should briefly illuminate. The unit will then detect the ambient light levels and switch on or off accordingly. Please ensure the Solar panel is placed with clear line of sight to the sun, all year round.

### Product Weights

	Single Sided	Double Sided
Solar Panel	15 kg	23 kg
LUA	3 kg	3 kg
Battery Assembly	5 kg	9.26 kg

### Windage Information

Please see diagrams overleaf for general arrangement and dimensions.

