

 **NightSearcher**  
**Solaris Pro**

Thank you for purchasing the Solaris Pro rechargeable floodlight, our latest NightSearcher innovation offering an all in one solution.

## Components List



- 1 Light head
- 2 Search beam
- 3 Flood beam
- 4 Control Panel
- 5 Carry Handle
- 6 Stability legs
- 7 Shoulder Strap



## Quick Start Guide - Charging



❶. Plug the charger into the socket on the Solaris Pro.



❷. Plug the charger into a suitable socket outlet.



❸. The indicator on the charger will illuminate red when charging and green when fully charged.



❹. The battery indicator on the charging panel will stay Green and flash to show the level of charge. When the battery is charged it will stop flashing.

### **PLEASE NOTE:**

**The battery will reach optimum performance after 5 complete discharge/charge cycles.**

Optional 12/24V Vehicle Charger is available.  
Part No: 5837501

## Emergency Mode

The Solaris Pro can be used as an emergency light. If a charger is connected and the power fails, the light will illuminate.

### **TO ACTIVATE:**

- Switch ON Solaris Pro, (charger not connected)
- Plug charger into AC outlet
- Connect the charger to Solaris Pro
- Light on Solaris Pro will switch off
- In the event of a power cut, the Solaris Pro will come on/light up.

## Setting Up The Solaris Pro

1. Open legs out to ensure firm setting.

Optional stability pegs if required.

Part No: 5837601



Stability peg holes



2. Pivot pole to required angle allowing pole to drop and lock into position. There are 4 angle positions, shown below.





**Extending the Mast:**

When raising the mast, extend from bottom to top, lock each level clamp after each part of the mast section is raised. The light head can then be rotated and angled to the desired position.

**Collapsing the Mast:**

When collapsing the mast, unlock and collapse each section of the mast from bottom to top.



③. Press power button on control panel to turn light on.



## Attaching The Shoulder Strap

Supplied with a high quality adjustable shoulder strap. Making it comfortable to carry the Solaris Pro, whilst keeping your hands free to perform other tasks. See Fig 2. showing where to attach the shoulder straps.

Fig 2.



## Control Panel

**Egg timer symbol:**  
Indicates set time has been programmed

**Brightness level**  
Low Half Full

**Power button**

**Settings button**

**Increase time**

**Adjust time up to 48 hours**

**Decrease time**

**Light Mode**  
Flood/Spot/Boost

**Battery Status**

**Time Remaining/  
Requested time set**

### Display colours while charging:

- Flashing Green - Charging
- Green - Fully charged

### Display colours while in operation:

- Blue - Normal operation
- Green - Average battery
- Red - Low battery
- Red Flashing - Very low battery

## Operating The Solaris Pro



Press the power button to turn the Solaris Pro on or off. By default the light will turn on in Flood light mode.

### THERE ARE TWO WAYS TO OPERATE THE SOLARIS PRO:

1. Adjust the light output: Low/Half/Full  
Or
2. Choose the runtime you require - Up to 48 hours

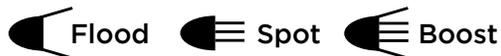
#### OPTION 1: ADJUST THE LIGHT OUTPUT:



Push the settings button to cycle through the light levels: Low/Half/Full



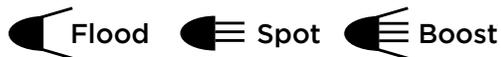
Flood mode is the default light output, to change the light output push and hold the settings button to cycle through the light modes: Flood/Spot/Boost.



#### OPTION 2: CHOOSE THE RUNTIME YOU REQUIRE - UP TO 48 HOURS:



Flood mode is the default light output, to change the light output push and hold the settings button to cycle through the light modes: Flood/Spot/Boost.



Press the increase/decrease time buttons, this will automatically increase or decrease the brightest level, to desired time.



The egg timer symbol will appear on the display to indicate you have set a time.

### FLASHING MODE:



Push and hold the power button for flashing light mode, press once more to turn off flashing mode.

## Specification:

### Solaris Pro

Mode		Lumens	Run times
Boost (Search + Flood)	Full	16,000	2 hours 15 minutes
	Half	8,000	4 hours 30 minutes
	Low	4,000	9 hours
Search	Full	5,000	6 hours
	Half	2,500	12 hours
	Low	1,250	24 hours
Flood	Full	11,000	3 hours 45 minutes
	Half	5,500	7 hours 30 minutes
	Low	2,750	15 hours
Weight			7kg
Battery			18Ah
Charging time			6hrs
Product Code			5837801

Beam Distance	500 Max Metres
IP Rating	IP65 Ingress Protection
Supplied with	Floodlight, AC Charger, Shoulder Strap. Optional: Vehicle Charger and Stability pegs
Dimensions	(L)517x(W)155x(D)220mm

## IMPORTANT SAFETY INFORMATION:

Never submerge in water.

- If you suspect the unit has water inside, do not use or attempt to recharge
- Dropping the Solaris Pro may damage the battery or circuit components inside
- IF THE SOLARIS PRO HAS BEEN SUBMERGED IN WATER OR SUSTAINED DAMAGE IT COULD BE A FIRE HAZARD. **DO NOT USE THE PRODUCT.**

Place outdoors in a non-combustible container well away from flammable materials.

**DO NOT RECHARGE THE BATTERY AND CONTACT NIGHTSEARCHER:**

[www.nightsearcher.co.uk](http://www.nightsearcher.co.uk) Tel: +44 (0)2392 389774.

- Always recharge the battery on a hard, flat, heat resistant surface.
- Battery pack will not reach optimum performance until 4-5 charging cycle
- Avoid charging the battery in temperatures below 0°C or exposing the battery to temperatures below -5°C or above 40°C.
- The operating temperature range of the light battery: Charging: 0°C to 40°C  
Discharging: -20°C to 60°C
- Never use the charger if the leads, contacts or casings are damaged. Do not use any chargers other than those provided.
- Never expose the charger to rain, moisture, or damp. If you suspect any of these have occurred then do not use the charger.
- Always check with your airline before attempting to transport by air.
- Do not shine the light directly into people's eyes, as it may damage their eyesight.

Keep out of reach of children

Do not attempt to repair the floodlight/battery or alter in any way.

In case of any problems or questions please contact NightSearcher Limited an authorised distributor.

## Safe Disposal Of Waste Electrical Products



If at any time, you need to dispose of this product or parts of this product: please note that waste electrical products and batteries should not be disposed of with ordinary household waste. Recycle where facilities exist. Check with your local authority for recycling advice. Alternatively, NightSearcher is happy to take receipt of this product at end-of-life and will recycle it on your behalf.

## Warranty Terms - Standard 3 years

All NightSearcher products have a 3-year standard warranty on all manufacturing defects and 1-year warranty on all rechargeable batteries from the date of purchase.



THE WILL-BURT COMPANY:  
401 Collins Blvd., Orrville, OH USA 44667  
Telephone: +1 330 684 4000  
Email: [info@willburt.com](mailto:info@willburt.com)

WILL-BURT

The contents of this manual are subject to change without prior notice. We take no responsibility for errors or admissions.